EXHIBIT 1

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Attorneys for Plaintiff Cisco Systems, Inc.

UNITED STATES DISTRICT COURT

NORTHERN DISTRICT OF CALIFORNIA

CISCO SYSTEMS, INC.,	CASE NO. 5:14-cv-05344-BLF
Plaintiff,	
v.	**PLAINTIFF CISCO SYSTEMS, INC.'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO DEFENDANT ARISTA NETWORKS, INC.'S SECOND SET OF INTERROGATORIES (NO. 16)**
ARISTA NETWORKS, INC.,	
Defendant.	

1   Pursuant to Rules 26 and 33 of the Federal Rules of Civil Procedure, Plaintiff Cisco

2 Systems, Inc. ("Cisco"), by counsel, hereby provides its objections and responses to Defendant

3 Arista Networks, Inc.'s ("Arista's") Second Set of Interrogatories, which were served on Cisco on

4 July 24, 2015 (the "Interrogatories").

5   **GENERAL OBJECTIONS**

6   Cisco makes the following general objections to Arista's Interrogatories, which apply to

7 each interrogatory regardless of whether the general objections are specifically incorporated into

8 the specific objections and responses below.

9   1.   Cisco is responding to each interrogatory as it interprets and understands each

10 interrogatory with respect to the issues in this Litigation. If Arista asserts a different interpretation

11 of any interrogatory, Cisco reserves the right to supplement or amend its responses or objections.

12   2.   Cisco objects to each interrogatory to the extent it is inconsistent with or seeks to

13 impose obligations beyond those imposed by the Federal Rules of Civil Procedure, the Civil and

14 Patent Local Rules of the Northern District of California, and any orders governing this Litigation.

15   3.   Cisco objects to the definitions of "Cisco," "You," and "Your," to the extent that

16 the definitions are overly broad and purport to require Cisco to provide information that is not

17 within the possession, custody, or control of Cisco.

18   4.   Cisco objects to Arista's definition of "Asserted Patents" and "Asserted Claim" to

19 the extent that Arista's use of those terms in its interrogatories to Cisco renders certain of Arista's

20 Interrogatories as constituting multiple discrete subparts that are in fact multiple, separate

21 interrogatories.

22   5.   Cisco objects to the definitions of "CLI Command" and "Network Management

23 Product" to the extent that these terms are vague and ambiguous with respect to their scope and

24 application as used by Arista, rendering these terms at least potentially unclear with respect to

25 what particular devices are intended to be incorporated thereby, and further on the grounds that

26 use of the terms in Arista's Interrogatories renders those interrogatories overbroad and unduly

27 burdensome to the extent that the discovery sought by such interrogatories is not reasonably tied to

28 Cisco's claims or Arista's defenses in this Litigation. Cisco further objects to the use of these

1   terms in Arista's Interrogatories to the extent that such interrogatories are not reasonably

2   calculated to lead to the discovery of admissible evidence.

3   6.   Cisco objects to the definition of "Relating to" as vague and ambiguous and overly

4   broad, unduly burdensome, and further to the extent that interrogatories using such terms are not

5   reasonably calculated to lead to the discovery of admissible evidence.

6   7.   Cisco objects to the definition of "Identify" and the instructions set out in

7   Paragraphs 10–12 as overly broad, unduly burdensome, and further to the extent that

8   interrogatories using such terms are not reasonably calculated to lead to the discovery of

9   admissible evidence. Cisco further objects to these definitions and instructions to the extent that

10   the burden of deriving or ascertaining the requested information is substantially the same for

11   Arista as it is for Cisco.

12   8.   Cisco objects to each and every interrogatory as overly broad, unduly burdensome,

13   cumulative, and duplicative to the extent it seeks identification of "any," "each," or "all"

14   documents of a specified type or nature, when a subset of such documents will provide the

15   requested information. Cisco objects generally to each and every interrogatory as overly broad,

16   vague and ambiguous, and not reasonably calculated to lead to the discovery of admissible

17   evidence, to the extent that it seeks information regarding "any," "each," or "all" persons, entities,

18   objects, or events.

19   9.   Cisco objects to the "Definitions" and "Instructions" of the Interrogatories to the

20   extent they alter the plain meaning of any specific interrogatory and render the interrogatory

21   vague, ambiguous, and overbroad.

22   10.   Cisco objects to each interrogatory to the extent that it is unlimited in temporal

23   and/or geographic scope, or to the extent it would require Cisco to provide information or

24   documents in violation of an applicable foreign law or regulation.

25   11.   Cisco objects to each interrogatory to the extent that it is overbroad, unduly

26   burdensome, and/or calls for provision of information or documents that are neither relevant to

27   any claim or defense in this litigation nor reasonably likely to lead to the discovery of admissible

28   evidence.

12.   Cisco objects to each interrogatory to the extent that it calls for production of information or documents that are not within the possession, custody, or control of Cisco, or to the extent the interrogatory seeks information that may not be disclosed pursuant to a protective order or non-disclosure agreement, or calls for Cisco to prepare documents and/or things that do not already exist.

13.   Cisco objects to each interrogatory to the extent that it calls for production of information or documents that are publicly available or equally available to Arista, and therefore are of no greater burden for Arista to obtain than for Cisco to obtain.

14.   Cisco objects to each interrogatory as overbroad and unduly burdensome to the extent that it is not limited to a time frame relevant to this Litigation or seeks information or documents not within the applicable scope of this Litigation.

15.   Cisco objects to each interrogatory to the extent it seeks information or documents that Cisco is not permitted to disclose pursuant to confidentiality obligations to third parties or court order. Cisco will provide such responsive, relevant, and non-privileged information and/or produce documents in accordance with the Protective Order governing this Litigation and after complying with its obligations to the third party and/or court.

16.   Cisco objects to each interrogatory to the extent it seeks information, documents, and/or things protected from disclosure by the attorney-client privilege, work-product doctrine, common-interest privilege, and/or any other applicable privilege, immunity, doctrine, or protection, including without limitation in connection with the common interest doctrine (collectively, as used herein, "privileged"). Nothing contained in these objections and responses should be considered a waiver of any attorney-client privilege, work-product protection, or any other applicable privilege or doctrine, including in connection with the common interest doctrine. Cisco does not intend to provide information or produce documents that would divulge any privileged information. Any such disclosure is inadvertent and shall not be deemed a waiver of any applicable privilege or immunity.

17.   Cisco objects to Arista's Interrogatories to the extent that their subparts exceed the number of interrogatories permitted under the Federal Rules of Civil Procedure, including Rule

1   33(a)(1), the Civil and Patent Local Rules of the Northern District of California, and any orders

2   governing this Litigation.

3   18.   Cisco objects to each interrogatory to the extent that it is vague, ambiguous, or

4   confusing due to Arista's failure to define terms or failure to describe the information or

5   documents sought with reasonable particularity.

6   19.   Cisco objects to the factual characterizations of Arista's Interrogatories. By

7   responding, Cisco does not accept or admit any of Arista's factual characterizations.

8   20.   Terms or phrases with specific legal significance appear in many of Arista's

9   Interrogatories. Neither Cisco's objections and responses, nor the provision of information or

10   production of documents in response to any interrogatory, are an admission or indication that such

11   information and documents are relevant to any legal theory, or that any of the legal terms used

12   have any applicability in their legal sense to any information or documents produced by Cisco in

13   response to the Interrogatories.

14   21.   Cisco objects to these Interrogatories on relevance and burden grounds to the extent

15   they are not limited in temporal scope, or to the extent that time period specified encompasses

16   time periods not relevant to this Litigation, or to the extent the requests are not limited in

17   geographic scope.

18   22.   Cisco objects to the Interrogatories as overly broad and unduly burdensome to the

19   extent they call for the provision of information or production of documents of technical

20   information, or otherwise, including source code, in connection with Cisco's products, where such

21   information or documents are either duplicative of other documents or information that will be

22   produced and/or are not relevant to this Litigation and Cisco's products relevant to this Litigation.

23   Cisco further objects to the Interrogatories to the extent that they call for the provision of

24   information or production of documents of technical information, or otherwise, including source

25   code, in connection with Cisco's products, where such information and documents are not

26   necessary to understand the relevant structure, function, and operation of Cisco's products relevant

27   to this Litigation.

28

23.   Cisco objects to each interrogatory as premature to the extent it calls for documents or information that is the subject of later disclosure deadlines in this Litigation and/or expert reports and testimony, including as set forth in Rule 26(a)(2) of the Federal Rules of Civil Procedure, the Patent Local Rules of the Northern District of California, and the Case Management Order entered in this Litigation.

24.   Any Cisco response that it will provide information or produce documents should not be construed to mean that responsive information or documents in fact exist; only that, if such relevant, non-privileged, non-objectionable information or documents exist, are in Cisco's possession, custody, or control, and are located after a reasonable search of the location or locations where responsive information or documents are likely to be located, such information or documents will be produced in a timely manner.

25.   Cisco further reserves all rights to supplement its responses to Arista's Interrogatories in compliance with the Federal Rules of Civil Procedure, including under Rule 26(e), as well as the Civil and Patent Local Rules of the Northern District of California and any orders governing this Litigation, and as Cisco's investigation and discovery proceeds in this Litigation.

RESPONSES TO INTERROGATORIES

INTERROGATORY NO. 16:

For each CLI Command listed in Cisco's Second Amended Complaint (including exhibits) and each command hierarchy listed in Cisco's Second Amended Complaint (including exhibits), and each command mode and prompt listed in Cisco's Second Amended Complaint (including exhibits), identify: (i) the author or originator of such Command, command hierarchy, command mode and prompt, (ii) the date of such authorship or creation, (iii) the document(s) in which such Command, command hierarchy, command mode or prompt was first fixed in any tangible medium of expression, (iv) the document(s) in which such Command, command hierarchy, command mode or prompt was first published, and (v) the first Cisco product (including version number) that used or responded to each CLI Command, command hierarchy, command mode or prompt.

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

1 **RESPONSE TO INTERROGATORY NO. 16:**

2   Cisco incorporates by reference its General Objections as though fully set forth herein.

3 Cisco further objects to this interrogatory as compound and unduly burdensome, as it calls for

4 thousands of pieces of information. Cisco further objects to this interrogatory as irrelevant and not

5 calculated to lead to the discovery of admissible evidence to the extent it seeks information not

6 relevant to the copyrightability of Cisco's works-in-suit and seeks information regarding acts not

7 at issue in this suit. Cisco further objects to this interrogatory to the extent that it calls for

8 information that is publicly available or equally available to Arista, and therefore is of no greater

9 burden for Arista to obtain than for Cisco to obtain. Cisco also objects to this interrogatory as

10 undefined, vague, ambiguous, overbroad, and unduly burdensome in its use of the terms "each

11 CLI command," "each command hierarchy," "each command mode and prompt," and "identify."

12 Cisco further objects to this interrogatory to the extent it calls for a legal conclusion. Cisco also

13 objects to this interrogatory to the extent that it is cumulative and duplicative of other discovery

14 sought by Arista, including at least Interrogatory No. 5. Cisco further objects to this interrogatory

15 to the extent it seeks information that is protected by the attorney-client privilege, that constitutes

16 attorney work-product, or that is protected by any other applicable privilege, protection, or

17 immunity, including without limitation in connection with the common interest doctrine.

18   Subject to and without waiver of the foregoing general and specific objections, Cisco

19 responds as follows:

20   Cisco incorporates by reference its response to Arista's Interrogatory No. 5 as if fully set

21 forth herein. Because the burden of identifying the information sought by this interrogatory is the

22 same for Arista as it is for Cisco, pursuant to Fed. R. Civ. P. 33(d), Cisco identifies the following

23 documents as containing responsive information:

24   IOS v. 11.0: Source Code, CSI-CLI-00403865, CSI-CLI-00356391 - CSI-CLI-00356394,

25 CSI-CLI-00356395 - CSI-CLI-00356398.

26   IOS v. 11.1: Source Code, CSI-CLI-00403866, CSI-CLI-00356385 - CSI-CLI-00356388,

27 CSI-CLI-00356588 - CSI-CLI-00356591, CSI-CLI-00356500 - CSI-CLI-00356501, CSI-CLI-

28 00356562 - CSI-CLI-00356563.

1   IOS v. 11.2: Source Code, CSI-CLI-00403867, CSI-CLI-00356578 - CSI-CLI-00356581,

2 CSI-CLI-00356496 - CSI-CLI-00356499.

3   IOS v. 11.3: Source Code, CSI-CLI-00403868, CSI-CLI-00356538 - CSI-CLI-00356541,

4 CSI-CLI-00356446 - CSI-CLI-00356549, CSI-CLI-00356582 - CSI-CLI-00356587, CSI-CLI-

5 00356576 - CSI-CLI-00356577.

6   IOS v. 12.0: Source Code, CSI-CLI-00403869, CSI-CLI-00356520 - CSI-CLI-00356523,

7 CSI-CLI-00356516 - CSI-CLI-00356519, CSI-CLI-00356550 - CSI-CLI-00356555, CSI-CLI-

8 00356484 - CSI-CLI-00356485.

9   IOS v. 12.1: Source Code, CSI-CLI-00403870, CSI-CLI-00356512 - CSI-CLI-00356515,

10 CSI-CLI-00356572 - CSI-CLI-00356575, CSI-CLI-00356490 - CSI-CLI-00356495, CSI-CLI-

11 00356506 - CSI-CLI-00356507.

12   IOS v. 12.2: Source Code, CSI-CLI-00403871, CSI-CLI-00356508 - CSI-CLI-00356511,

13 CSI-CLI-00356506 - CSI-CLI-00356508, CSI-CLI-00356556 - CSI-CLI-00356561, CSI-CLI-

14 00356536 - CSI-CLI-00356537.

15   IOS v. 12.3: Source Code, CSI-CLI-00403872, CSI-CLI-00403874, CSI-CLI-00356524 -

16 CSI-CLI-00356527, CSI-CLI-00356542 - CSI-CLI-00356545.

17   IOS v. 12.4: Source Code, CSI-CLI-00403873, CSI-CLI-00356486 - CSI-CLI-00356489,

18 CSI-CLI-00356705 - CSI-CLI-00356705.

19   IOS v. 15.0: Source Code, CSI-CLI-00054598 – CSI-CLI-00074027, CSI-CLI-00216957 –

20 CSI-CLI-00217612, CSI-CLI-00223197 – CSI-CLI-00224078, CSI-CLI-00226300 – CSI-CLI-

21 00226709, CSI-CLI-00267773 – CSI-CLI-00268938, CSI-CLI-00271385 – CSI-CLI-00271914,

22 CSI-CLI-00274107 – CSI-CLI-00274387, CSI-CLI-00275376 – CSI-CLI-00276837, CSI-CLI-

23 00314732 – CSI-CLI-00314943, CSI-CLI-00316210 – CSI-CLI-00317412, CSI-CLI-00317634 –

24 CSI-CLI-00317847, CSI-CLI-00318351 – CSI-CLI-00318532, CSI-CLI-00319252 – CSI-CLI-

25 00321189, CSI-CLI-00324036 – CSI-CLI-00324389, CSI-CLI-00325497 – CSI-CLI-00325713,

26 CSI-CLI-00332893 – CSI-CLI-00345450, CSI-CLI-00348572 – CSI-CLI-00348689, CSI-CLI-

27 00350066 – CSI-CLI-00351948, CSI-CLI-00356480 - CSI-CLI-00356483, CSI-CLI-00356564 -

28 CSI-CLI-00356567.

1   IOS v. 15.1: Source Code, CSI-CLI-00034689 – CSI-CLI-00054565, CSI-CLI-00223197 –

2   CSI-CLI-00224078, CSI-CLI-00226300 – CSI-CLI-00226414, CSI-CLI-00226710 – CSI-CLI-

3   00227953, CSI-CLI-00267773 – CSI-CLI-00268938, CSI-CLI-00314422 – CSI-CLI-00314731,

4   CSI-CLI-00314944 – CSI-CLI-00316209, CSI-CLI-00317413 – CSI-CLI-00317633, CSI-CLI-

5   00317848 – CSI-CLI-00318350, CSI-CLI-00318533 – CSI-CLI-00319251, CSI-CLI-00319765 –

6   CSI-CLI-00325376, CSI-CLI-00325497 – CSI-CLI-00325713, CSI-CLI-00333135 – CSI-CLI-

7   00333809, CSI-CLI-00337967 – CSI-CLI-00338200, CSI-CLI-00338481 – CSI-CLI-00338696,

8   CSI-CLI-00338941 – CSI-CLI-00339290, CSI-CLI-00345451 – CSI-CLI-00354832, CSI-CLI-

9   00356502 - CSI-CLI-00356505, CSI-CLI-00356532 - CSI-CLI-00356535.

10   IOS v. 15.2: Source Code, CSI-CLI-00024968 – CSI-CLI-00034688, CSI-CLI-00074028 –

11   CSI-CLI-00074113, CSI-CLI-00091773 – CSI-CLI-00091888, CSI-CLI-00098678 – CSI-CLI-

12   00099910, CSI-CLI-00101493 – CSI-CLI-00101653, CSI-CLI-00102320 – CSI-CLI-00102428,

13   CSI-CLI-00102615 – CSI-CLI-00102827, CSI-CLI-00104206 – CSI-CLI-00104306, CSI-CLI-

14   00105599 – CSI-CLI-00105706, CSI-CLI-00106165 – CSI-CLI-00106403, CSI-CLI-00107100 –

15   CSI-CLI-00107198, CSI-CLI-00108121 – CSI-CLI-00110637, CSI-CLI-00142102 – CSI-CLI-

16   142151, CSI-CLI-00145892 – CSI-CLI-00145912, CSI-CLI-00146305 – CSI-CLI-00146361,

17   CSI-CLI-00146494 – CSI-CLI-00146672, CSI-CLI-00150117 – CSI-CLI-00150301, CSI-CLI-

18   00151700 – CSI-CLI-00151794, CSI-CLI-00153045 – CSI-CLI-00154056, CSI-CLI-00154957 –

19   CSI-CLI-00154967, CSI-CLI-00161254 – CSI-CLI-00161264, CSI-CLI-00162423 – CSI-CLI-

20   00162433, CSI-CLI-00162764 – CSI-CLI-00163054, CSI-CLI-00163297 – CSI-CLI-00163575,

21   CSI-CLI-00163892 – CSI-CLI-00163997, CSI-CLI-00167730 – CSI-CLI-00168576, CSI-CLI-

22   00168785 – CSI-CLI-00170897, CSI-CLI-00171210 – CSI-CLI-00171263, CSI-CLI-00173118 –

23   CSI-CLI-00173146, CSI-CLI-00227954 – CSI-CLI-00228224, CSI-CLI-00236536 – CSI-CLI-

24   00237167, CSI-CLI-00237495 – CSI-CLI-00239781, CSI-CLI-00241096 – CSI-CLI-00248137,

25   CSI-CLI-00276838 – CSI-CLI-00288213, CSI-CLI-00288322 – CSI-CLI-00289855, CSI-CLI-

26   00292982 – CSI-CLI-00294561, CSI-CLI-00356528 - CSI-CLI-00356531, CSI-CLI-00356697 -

27   CSI-CLI-00356700.

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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

1   IOS v. 15.4: Source Code, CSI-CLI-00074114 – CSI-CLI-00091772, CSI-CLI-00091889 –

2 CSI-CLI-00098677, CSI-CLI-00217613 – CSI-CLI-00223196 – CSI-CLI-00224078, CSI-CLI-

3 00224079 – CSI-CLI-00226299, CSI-CLI-00276838 – CSI-CLI-00277169, CSI-CLI-00289856 –

4 CSI-CLI-00310345, CSI-CLI-00325714 – CSI-CLI-00332892, CSI-CLI-00356657 - CSI-CLI-

5 00356660, CSI-CLI-00356653 - CSI-CLI-00356656.

6   IOS XR v. 3.0: Source Code, CSI-CLI-00359263 – CSI-CLI-00362850, CSI-CLI-

7 00356665 - CSI-CLI-00356668, CSI-CLI-00356618 - CSI-CLI-00356621.

8   IOS XR v. 3.2: Source Code, CSI-CLI-00362851 – CSI-CLI-00370474, CSI-CLI-

9 00356661 - CSI-CLI-00356664, CSI-CLI-00356701 - CSI-CLI-00356704.

10   IOS XR v. 3.3: Source Code, CSI-CLI-00370475 – CSI-CLI-00380671, CSI-CLI-

11 00356689 - CSI-CLI-00356692, CSI-CLI-00356642 - CSI-CLI-00356645.

12   IOS XR v. 3.4: Source Code, CSI-CLI-00380672 – CSI-CLI-00389727, CSI-CLI-

13 00356634 - CSI-CLI-00356637, CSI-CLI-00356638 - CSI-CLI-00356641.

14   IOS XR v. 3.5: Source Code, CSI-CLI-00389728 – CSI-CLI-00403864, CSI-CLI-

15 00356685 - CSI-CLI-00356688, CSI-CLI-00356614 - CSI-CLI-00356617.

16   IOS XR v. 4.3: Source Code, CSI-CLI-00099911 – CSI-CLI-00101492, CSI-CLI-

17 00101654 – CSI-CLI-00102319, CSI-CLI-00102429 – CSI-CLI-00102614, CSI-CLI-00102828 –

18 CSI-CLI-00104205, CSI-CLI-00104307 – CSI-CLI-00105598, CSI-CLI-00105707 – CSI-CLI-

19 00106164, CSI-CLI-00106404 – CSI-CLI-00107099, CSI-CLI-00107199 – CSI-CLI-00108120,

20 CSI-CLI-00102732 – CSI-CLI-00127155, CSI-CLI-00137956 – CSI-CLI-00142101, CSI-CLI-

21 00142214 - CSI-CLI-00142101 – CSI-CLI-00143091, CSI-CLI-00143160 – CSI-CLI-00145891,

22 CSI-CLI-00145913 – CSI-CLI-00146304, CSI-CLI-00146362 – CSI-CLI-00146493, CSI-CLI-

23 00146673 – CSI-CLI-00150166, CSI-CLI-00150302 – CSI-CLI-00151699, CSI-CLI-00151795 –

24 CSI-CLI-00153044, CSI-CLI-00154057 – CSI-CLI-00154956, CSI-CLI-00154968 – CSI-CLI-

25 00161253, CSI-CLI-00161265 – CSI-CLI-00162422, CSI-CLI-00162434 – CSI-CLI-00162763,

26 CSI-CLI-00163998 – CSI-CLI-00167729, CSI-CLI-00168577 – CSI-CLI-00168784, CSI-CLI-

27 00170898 – CSI-CLI-00171209, CSI-CLI-00171264 – CSI-CLI-00173117, CSI-CLI-00173147 –

28

1   CSI-CLI-00173412, CSI-CLI-00356681 - CSI-CLI-00356684, CSI-CLI-00356649 - CSI-CLI-

2   00356652.

3   IOS XR v. 5.2: Source Code, CSI-CLI-00110638 – CSI-CLI-00123731, CSI-CLI-

4   00127156 – CSI-CLI-00137955, CSI-CLI-00142152 – CSI-CLI-00142213, CSI-CLI-00143092 –

5   CSI-CLI-00143159, CSI-CLI-00163055 – CSI-CLI-00163296, CSI-CLI-00163576 – CSI-CLI-

6   00163891, CSI-CLI-00189310 – CSI-CLI-00191711, CSI-CLI-00356626 - CSI-CLI-00356629,

7   CSI-CLI-00356602 - CSI-CLI-00356605.

8   IOS XE v. 2.1: Source Code, CSI-CLI-00229755 – CSI-CLI-00236535, CSI-CLI-

9   00268939 – CSI-CLI-00271384, CSI-CLI-00271915 – CSI-CLI-00274106, CSI-CLI-00274388 –

10   CSI-CLI-00276837, CSI-CLI-00313895 – CSI-CLI-00314421, CSI-CLI-00325377 – CSI-CLI-

11   00325496, CSI-CLI-00356693 - CSI-CLI-00356696, CSI-CLI-00356606 - CSI-CLI-00356609.

12   IOS XE v. 3.5: Source Code, CSI-CLI-00180764 – CSI-CLI-00189309, CSI-CLI-

13   00228225 – CSI-CLI-00229754, CSI-CLI-00236536 – CSI-CLI-00236768, CSI-CLI-00237168 –

14   CSI-CLI-00237494, CSI-CLI-00237785 – CSI-CLI-00237793, CSI-CLI-00239782 – CSI-CLI-

15   00241095, CSI-CLI-00248138 – CSI-CLI-00267772, CSI-CLI-00277170 – CSI-CLI-00277359,

16   CSI-CLI-00288214 – CSI-CLI-00288321, CSI-CLI-00288673 – CSI-CLI-00289121, CSI-CLI-

17   00310346 – CSI-CLI-00313894, CSI-CLI-00356610 - CSI-CLI-00356613, CSI-CLI-00356630 -

18   CSI-CLI-00356633.

19   NX-OS v. 4.0: Source Code, CSI-CLI-00054566 – CSI-CLI-00054597, CSI-CLI-

20   00191712 – CSI-CLI-00192226, CSI-CLI-00202929 – CSI-CLI-00207082, CSI-CLI-00356646 -

21   CSI-CLI-00356648, CSI-CLI-00356622 - CSI-CLI-00356625.

22   NX-OS v. 5.0: Source Code, CSI-CLI-00173413 – CSI-CLI-00176459, CSI-CLI-

23   00196923 – CSI-CLI-00197194, CSI-CLI-00197411 – CSI-CLI-00197600, CSI-CLI-00199585 –

24   CSI-CLI-00200362, CSI-CLI-00201361 – CSI-CLI-00201380, CSI-CLI-00201823 – CSI-CLI-

25   00201848, CSI-CLI-00207083 – CSI-CLI-00212262, CSI-CLI-00216926 – CSI-CLI-00216955,

26   CSI-CLI-00356599 - CSI-CLI-00356601, CSI-CLI-00356677 - CSI-CLI-00356680.

27   NX-OS v. 5.2: Source Code, CSI-CLI-00176460 – CSI-CLI-00178217, CSI-CLI-

28   00196489 – CSI-CLI-00196922, CSI-CLI-00197195 – CSI-CLI-00197410, CSI-CLI-00197601 –

1 CSI-CLI-00199584, CSI-CLI-00200363 – CSI-CLI-00201360, CSI-CLI-00201381 – CSI-CLI-

2 00201822, CSI-CLI-00201849 – CSI-CLI-00202928, CSI-CLI-00356596 - CSI-CLI-00356598,

3 CSI-CLI-00356673 - CSI-CLI-00356676.

4   NX-OS v. 6.2: Source Code, CSI-CLI-00178218 – CSI-CLI-00180763, CSI-CLI-

5 00192227 – CSI-CLI-00196488, CSI-CLI-00212263 – CSI-CLI-00216925, CSI-CLI-00356593 -

6 CSI-CLI-00356595, CSI-CLI-00356669 - CSI-CLI-00356672.

7   Cisco's discovery efforts in this case are ongoing, and Cisco reserves the right to further

8 supplement this response in light of facts learned during discovery.

9

10 **FIRST SUPPLEMENTAL RESPONSE TO INTERROGATORY NO. 16:**

11   Subject to and without waiver of its general and specific objections, Cisco further responds

12 as follows:

13   Based on the information presently available to Cisco, the protectable expressions from

14 Cisco's copyrighted works-in-suit that Arista copied were authored by Cisco, as works made for

15 hire by Cisco employees. *See* 17 U.S.C. § 201(b). Cisco Pursuant to Fed. R. Civ. P. 33(d), Cisco

16 directs Arista to the following documents, from which Arista can gather information regarding the

17 status of its asserted copyright works as works for hire, as well as information regarding the

18 presumptive validity of Cisco's copyrights and the date on which those works were completed:

Copyrighted Work	Copyright Application	Copyright Registration
IOS 11.0	CSI-CLI-00356391 - CSI-CLI-00356394	CSI-CLI-00356395 - CSI-CLI-00356398
IOS 11.1	CSI-CLI-00356385 - CSI-CLI-00356388 CSI-CLI-00356500 - CSI-CLI-00356501	CSI-CLI-00356588 - CSI-CLI-00356591 CSI-CLI-00356562 - CSI-CLI-00356563
IOS 11.2	CSI-CLI-00356578 - CSI-CLI-00356581	CSI-CLI-00356496 - CSI-CLI-00356499
IOS 11.3	CSI-CLI-00356538 - CSI-CLI-00356541 CSI-CLI-00356582 - CSI-CLI-00356587	CSI-CLI-00356446 - CSI-CLI-00356549 CSI-CLI-00356576 - CSI-CLI-00356577
IOS 12.0	CSI-CLI-00356520 - CSI-CLI-00356523 CSI-CLI-00356550 - CSI-CLI-00356555	CSI-CLI-00356516 - CSI-CLI-00356519 CSI-CLI-00356484 - CSI-CLI-00356485
IOS 12.1	CSI-CLI-00356512 - CSI-CLI-00356515 CSI-CLI-00356490 - CSI-CLI-00356495	CSI-CLI-00356572 - CSI-CLI-00356575 CSI-CLI-00356506 - CSI-CLI-00356507
IOS 12.2	CSI-CLI-00356508 - CSI-CLI-00356511 CSI-CLI-00356556 - CSI-CLI-00356561	CSI-CLI-00356506 - CSI-CLI-00356508 CSI-CLI-00356536 - CSI-CLI-00356537
IOS 12.3	CSI-CLI-00356524 - CSI-CLI-00356527	CSI-CLI-00356542 - CSI-CLI-00356545
IOS 12.4	CSI-CLI-00356486 - CSI-CLI-00356489	CSI-CLI-00356705 - CSI-CLI-00356705
IOS 15.0	CSI-CLI-00356480 - CSI-CLI-00356483	CSI-CLI-0356564 - CSI-CLI-00356567
IOS 15.1	CSI-CLI-00356502 - CSI-CLI-00356505	CSI-CLI-00356532 - CSI-CLI-00356535

Copyrighted Work	Copyright Application	Copyright Registration
IOS 15.2	CSI-CLI-00356528 - CSI-CLI-00356531	CSI-CLI-00356697 - CSI-CLI-00356700
IOS 15.4	CSI-CLI-00356657 - CSI-CLI-00356660	CSI-CLI-00356653 - CSI-CLI-00356656
IOS XR 3.0	CSI-CLI-00356665 - CSI-CLI-00356668	CSI-CLI-00356618 - CSI-CLI-00356621
IOS XR 3.2	CSI-CLI-00356661 - CSI-CLI-00356664	CSI-CLI-00356701 - CSI-CLI-00356704
IOS XR 3.3	CSI-CLI-00356689 - CSI-CLI-00356692	CSI-CLI-00356642 - CSI-CLI-00356645
IOX XR 3.4	CSI-CLI-00356634 - CSI-CLI-00356637	CSI-CLI-00356638 - CSI-CLI-00356641
IOX XR 3.5	CSI-CLI-00356685 - CSI-CLI-00356688	CSI-CLI-00356614 - CSI-CLI-00356617
IOS XR 4.3	CSI-CLI-00356681 - CSI-CLI-00356684	CSI-CLI-00356649 - CSI-CLI-00356652
IOS XR 5.2	CSI-CLI-00356626 - CSI-CLI-00356629	CSI-CLI-00356602 - CSI-CLI-00356605
IOS XE 2.1	CSI-CLI-00356693 - CSI-CLI-00356696	CSI-CLI-00356606 - CSI-CLI-00356609
IOS XE 3.5	CSI-CLI-00356610 - CSI-CLI-00356613	CSI-CLI-00356630 - CSI-CLI-00356633
NX OS 4.0	CSI-CLI-00356646 - CSI-CLI-00356648	CSI-CLI-00356622 - CSI-CLI-00356625
NX OS 5.0	CSI-CLI-00356599 - CSI-CLI-00356601	CSI-CLI-00356677 - CSI-CLI-00356680
NX OS 5.2	CSI-CLI-00356596 - CSI-CLI-00356598	CSI-CLI-00356673 - CSI-CLI-00356676
NX OS 6.2	CSI-CLI-00356593 - CSI-CLI-00356595	CSI-CLI-00356669 - CSI-CLI-00356672

Persons most knowledgeable regarding the creation of those works, including the constituent elements copied by Arista identified by Cisco in response to Arista's interrogatory No. 2, include Kirk Lougheed and Phillip Remaker.

The table below also contains additional information regarding the development of the Cisco command expressions copied by Arista, including identifying the work in which each such command expression first appeared[1] and the date that work was first distributed. This table reflects information currently available to Cisco, and Cisco reserves the right to amend or supplement the information contained in this table as additional information comes to light.

Copied Command Expression	First Operating System	First Distribution Date
aaa accounting	Cisco IOS 10.3	April 13, 1995
aaa accounting dot1x	Cisco IOS 12.4(11)T	November 2006
aaa authentication login	Cisco IOS 10.3	April 13, 1995
aaa authorization config-commands	Cisco IOS 11.2	October 1996
aaa authorization console	Cisco IOS 12.0(6)T	September 20, 1999
aaa group server radius	Cisco IOS 12.0(5)T	July 27, 1999
aaa group server tacacs+	Cisco IOS 12.0(5)T	July 27, 1999
address-family	Cisco IOS 12.0(5)T	July 27, 1999
aggregate-address	Cisco IOS 10	1993
area default-cost	Cisco IOS 10	1993

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[1] Each command expression in the table was introduced at least as early as the identified "First Operating System." Records pertaining to command expressions in IOS versions earlier than 10.0 were not kept as systematically as for later versions. Cisco is continuing to search for documentation of earlier versions of its operating systems and will supplement the information in this table if necessary.

Copied Command Expression	First Operating System	First Distribution Date
area default-cost (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
area nssa	Cisco IOS 10	1993
area nssa (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
area nssa default-information-originate	Cisco IOS 10	1993
area nssa default-information-originate (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
area nssa no-summary	Cisco IOS 10	1993
area nssa translate type7 always	Cisco IOS 12.2(15)T	March 17, 2003
area nssa translate type7 always (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
area range	Cisco IOS 10	1993
area range (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
area stub	Cisco IOS 10	1993
area stub (OSPFv3)	NX-OS 4.0(1)	April 21, 2008
arp timeout	Cisco IOS 10	1993
banner login	Cisco IOS 10	1993
banner motd	Cisco IOS 10	1993
bfd all-interfaces	Cisco IOS 12.2(18)SXE	April 11, 2005
bgp client-to-client reflection	Cisco IOS 11.1	March 1996
bgp cluster-id	Cisco IOS 11	September 18, 1995
bgp confederation identifier	Cisco IOS 10.3	April 13, 1995
bgp confederation peers	Cisco IOS 10.3	April 13, 1995
bgp listen limit	Cisco IOS 12.2(33)SXH	August 21, 2007
bgp log-neighbor-changes	Cisco IOS 11.1CC	November 30, 1998
bgp redistribute internal	Cisco IOS 12.1	March 30, 2000
boot system	ASM/AGS 6	May 28, 1987
channel-group	Cisco IOS 11.3MA	February 1998
class-map type control-plane	NX-OS 4.0(1)	April 21, 2008
clear arp-cache	ASM/AGS 5.2	July 20, 1986
clear counters	Cisco IOS 10	1993
clear ip arp	NX-OS 4.0(1)	April 21, 2008
clear ip bgp	Cisco IOS 10	1993
clear ip igmp group	Cisco IOS 10	1993
clear ip mfib fastdrop	Cisco IOS 12.1(8a)EW	January 16, 2002
clear ip mroute	Cisco IOS 10	1993
clear ip msdp sa-cache	Cisco IOS 12.0(7)T	December 13, 1999
clear ip nat translation	Cisco IOS 11.2	October 1996
clear ip ospf neighbor	Cisco IOS 11.1	March 1996
clear ipv6 neighbors	Cisco IOS 12.2(2)T	May 25, 2001
clear ipv6 ospf force-spf	Cisco IOS 12.0(24)S	August 26, 2003
clear lldp counters	Cisco IOS 12.2(33)SXH	August 21, 2007
clear lldp table	Cisco IOS 12.2(33)SXH	August 21, 2007
clear mac-address-table-dynamic	Cisco IOS 12.2(2)XT	December 3, 2001
clear spanning-tree counters	NX-OS 4	April 3, 2008
clock set	Cisco IOS 10	1993
clock timezone	Cisco IOS 10	1993
control-plane	Cisco IOS 12.2(18)S	August 21, 2003

Copied Command Expression	First Operating System	First Distribution Date
default-information originate (OSPF)	Cisco IOS 10	1993
default-information originate (OSPFv3)	Cisco IOS 15.1(3)S	July 25, 2011
default-metric (OSPF)	Cisco IOS 10	1993
default-metric (OSPFv3)	Cisco IOS 12.2(15)T	March 17, 2003
distance bgp	Cisco IOS 10	1993
domain-id	Cisco IOS 12.1(5)T	October 3, 2000
dot1x max-reauth-req	Cisco IOS 12.2(18)SE	February 2004
dot1x pae authenticator	Cisco IOS 12.3(11)T	September 20, 2004
dot1x port-control	Cisco IOS 12.1(6)EA2	December 19, 2001
dot1x reauthentication	Cisco IOS 12.2(14)SX	April 14, 2003
dot1x system-auth-control	Cisco IOS 12.3(2)XA	August 11, 2003
dot1x timeout quiet-period	Cisco IOS 12.2(14)SX	April 14, 2003
dot1x timeout reauth-period	Cisco IOS 12.2(25)SEC	May 3, 2006
dot1x timeout tx-period	Cisco IOS 12.2(14)SX	April 14, 2003
enable secret	Cisco IOS 11	September 18, 1995
erase startup config	Cisco IOS 11	September 18, 1995
errdisable detect cause link-flap	Cisco IOS 12.2(14)SX	April 14, 2003
errdisable recovery cause	Cisco IOS 12.2(14)SX	April 14, 2003
errdisable recovery interval	Cisco IOS 12.2(14)SX	April 14, 2003
flowcontrol receive	Cisco IOS 12.2(14)SX	April 14, 2003
flowcontrol send	Cisco IOS 12.2(14)SX	April 14, 2003
interface ethernet	NX-OS 4	April 3, 2008
interface loopback	Cisco IOS 10	1993
interface port-channel	Cisco IOS 11.1CA	December 3, 1998
interface vlan	Cisco IOS 11.3(5)T	August 13, 1998
ip access-group	Release 7.0/7.1	April 24, 1989
ip access-list	Cisco IOS 11.2	October 1996
ip access-list standard	Cisco IOS 11.2	October 1996
ip address	Release 7.0/7.1	April 24, 1989
ip as-path access-list	Cisco IOS 10	1993
ip community-list expanded	Cisco IOS 10.3	April 13, 1995
ip community-list standard	Cisco IOS 10.3	April 13, 1995
ip dhcp smart-relay	Cisco IOS 12.1	March 30, 2000
ip dhcp smart-relay global	NX-OS 5.2(1)	July 29, 2011
ip dhcp snooping	Cisco IOS 12.2(18)SXE	April 11, 2005
ip dhcp snooping information option	Cisco IOS 12.2(18)SXE	April 11, 2005
ip dhcp snooping vlan	Cisco IOS	April 11, 2005

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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
	12.2(18)SXE	
ip domain lookup	Cisco IOS 10	1993
ip domain-name	Cisco IOS 10	1993
ip extcommunity-list expanded	Cisco IOS 12.1	March 30, 2000
ip extcommunity-list standard	Cisco IOS 12.1	March 30, 2000
ip helper-address	Release 7.0/7.1	April 24, 1989
ip host	Release 8.0	November 7, 1989
ip http client source-interface	Cisco IOS 12.3(7)T	March 1, 2004
ip icmp redirect	Cisco IOS 12	September 1998
ip igmp last-member-query-count	Cisco IOS 12.1	March 30, 2000
ip igmp last-member-query-interval	Cisco IOS 12.1	March 30, 2000
ip igmp query-interval	Cisco IOS 10.2	October 4, 1994
ip igmp query-max-response-time	Cisco IOS 11.1	March 1996
ip igmp snooping	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping querier	Cisco IOS 12.2(14)SX	April 14, 2003
ip igmp snooping vlan	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan immediate-leave	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan mrouter	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan static	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp startup-query-count	NX-OS 4.0(1)	April 21, 2008
ip igmp startup-query-interval	NX-OS 4.0(1)	April 21, 2008
ip igmp static-group	Cisco IOS 11.2	October 1996
ip igmp version	Cisco IOS 11.1	March 1996
ip load-sharing	Cisco IOS 11.2GS	July 17, 1998
ip local-proxy-arp	Cisco IOS 12.1(5c)EX	March 13, 2001
ip msdp cache-sa-state	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp default-peer	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp description	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp group-limit	NX-OS 4.0(1)	April 21, 2008
ip msdp keepalive	Cisco IOS 12.1(8a)E4	September 5, 2001
ip msdp mesh-group	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp originator-id	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp peer	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-filter in	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-filter out	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-limit	Cisco IOS 12.1(7)	January 30, 2001
ip msdp shutdown	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp timer	Cisco IOS 12.1(8a)E4	September 5, 2001
ip multicast boundary	Cisco IOS 11.1	March 1996
ip multicast-routing	Cisco IOS 10	1993
ip name-server	Release 8.0	September 14, 1989
ip nat pool	Cisco IOS 11.2	October 1996

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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
ip nat translation tcp-timeout	Cisco IOS 11.2	October 1996
ip nat translation udp-timeout	Cisco IOS 11.2	October 1996
ip ospf authentication	Cisco IOS 12	September 1998
ip ospf authentication-key	Cisco IOS 10	1993
ip ospf bfd	Cisco IOS 12.2(18)SXE	April 11, 2005
ip ospf cost	Cisco IOS 10	1993
ip ospf dead-interval	Cisco IOS 10	1993
ip ospf hello-interval	Cisco IOS 10	1993
ip ospf message-digest-key	Cisco IOS 11	September 18, 1995
ip ospf name-lookup	Cisco IOS 10	1993
ip ospf network	Cisco IOS 10	1993
ip ospf priority	Cisco IOS 10	1993
ip ospf retransmit-interval	Cisco IOS 10	1993
ip ospf shutdown	Cisco IOS 12.2(33)SRC	January 14, 2008
ip ospf transmit-delay	Cisco IOS 10	1993
ip pim anycast-rp	NX-OS 4.0(1)	April 21, 2008
ip pim bfd	NX-OS 5.0(2)	May 24, 2010
ip pim bfd-instance	NX-OS 5.0(2)	May 24, 2010
ip pim bsr-border	Cisco IOS 11.3T	December 15, 1997
ip pim bsr-candidate	Cisco IOS 11.3T	December 15, 1997
ip pim dr-priority	Cisco IOS 12.1(2)T	April 26, 2000
ip pim log-neighbor-changes	Cisco IOS 12.4(24)T	February 2009
ip pim neighbor-filter	Cisco IOS 11.3	December 1997
ip pim query-interval	Cisco IOS 10	1993
ip pim register-source	Cisco IOS 12.0(8)T	December 13, 1999 - April 26, 2005
ip pim rp-address	Cisco IOS 10.2	October 4, 1994
ip pim rp-candidate	Cisco IOS 11.3T	December 15, 1997
ip pim sparse-mode	Cisco IOS 10	1993
ip pim spt-threshold	Cisco IOS 11.1	March 1996
ip pim spt-threshold group-list	Cisco IOS 11.1	March 1996
ip pim ssm range	Cisco IOS 12.1(3)T	July 27, 2000
ip prefix-list	Cisco IOS 12.0(3)T	January 21, 1999
ip protocol	Cisco IOS 12.0(23)S	August 26, 2003
ip proxy-arp	Release 8.0	September 14, 1989
ip radius source-interface	Cisco IOS 11.3	December 1997
ip rip v2-broadcast	Cisco IOS 12.1(5)T	October 3, 2000
ip route	Release 8.0	September 14, 1989
ip routing	Release 7.0/7.1	April 24, 1989
ip tacacs source-interface	Cisco IOS 10	1993
ip-community-list standard	Cisco IOS 10.3	April 13, 1995
ipv6 access-list	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 address	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 dhcp relay destination	Cisco IOS 12.3(11)T	September 20, 2004
ipv6 enable	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 host	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 ipv6 access-group	Cisco IOS 12.4(9)XG	November 20, 2006
ipv6 nd managed-config-flag	Cisco IOS 12.2(2)T	May 25, 2001

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
ipv6 nd ns-interval	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd other-config-flag	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd prefix	Cisco IOS 12.2(13)T	November 25, 2002
ipv6 nd ra interval	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd ra lifetime	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd ra suppress	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd reachable-time	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd router-preference	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 neighbor	Cisco IOS 12.2(8)T	February 25, 2002
ipv6 ospf area	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf cost	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf dead-interval	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf hello-interval	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf network	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf priority	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf retransmit-interval	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf transmit-delay	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 prefix-list	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 route	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 router ospf	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 unicast-routing	Cisco IOS 12.2(2)T	May 25, 2001
isis hello-interval	Cisco IOS 10	1993
isis hello-multiplier	Cisco IOS 10	1993
isis lsp-interval	Cisco IOS 11.1	March 1996
isis metric	Cisco IOS 10	1993
isis passive	NX-OS 4.0(1)	April 21, 2008
isis passive-interface	NX-OS 6.2(2)	August 22, 2013
isis priority	Cisco IOS 10	1993
is-type	Cisco IOS 10.3	April 13, 1995
lacp port-priority	Cisco IOS 12.1(13)EW	December 23, 2002
lacp rate	Cisco IOS 12.2(18)SXF2	January 20, 2006
lacp system-priority	Cisco IOS 12.1(13)EW	December 23, 2002
link state group	Cisco IOS 15.1(1)S	November 23, 2010
link state track	Cisco IOS 15.1(1)S	November 23, 2010
lldp holdtime	Cisco IOS 12.2(37)SE	August 8, 2007
lldp receive	Cisco IOS 12.2(33)SXH	August 21, 2007
lldp reinit	Cisco IOS 12.2(37)SE	August 8, 2007
lldp run	Cisco IOS 12.2(37)SE	August 8, 2007
lldp timer	Cisco IOS 12.2(37)SE	August 8, 2007
lldp tlv-select	Cisco IOS 12.2(37)SE	August 8, 2007
lldp transmit	Cisco IOS 12.2(33)SXH	August 21, 2007

Copied Command Expression	First Operating System	First Distribution Date
load-interval	Cisco IOS 10.3	April 13, 1995
log-adjacency-changes	Cisco IOS 12.1	March 30, 2000
log-adjacency-changes (IS-IS)	NX-OS 4.0(1)	April 21, 2008
log-adjacency-changes (OSPFv3)	Cisco IOS 15.1(3)S	July 25, 2011
logging host	Cisco IOS 10	1993
mac access-group	Cisco IOS 12.0(32)S	January 18, 2006
mac access-list	NX-OS 4.0(1)	April 21, 2008
mac-address	Cisco IOS 10	1993
mac-address-table aging-time	Cisco IOS 12.0(7)XE	December 27, 1999
mac-address-table static	Cisco IOS 12.0(7)XE	December 27, 1999
max-connections	Cisco IOS 12.2(8)T	February 25, 2002
maximum-paths	Cisco IOS 12.2(8)T	February 25, 2002
maximum-paths (OSPFv3)	Cisco IOS 15.1(3)S	July 25, 2011
neighbor activate	Cisco IOS 11	September 18, 1995
neighbor allowas-in	Cisco IOS 12.0(7)T	December 13, 1999
neighbor default-originate	Cisco IOS 11	September 18, 1995
neighbor description	Cisco IOS 11.3	December 1997
neighbor ebgp-multihop	Cisco IOS 10	1993
neighbor fall-over bfd	Cisco IOS 12.2(33)SRA	June 19, 2006
neighbor local-as	Cisco IOS 12.0(5)S	July 13, 1999
neighbor next-hop-self	Cisco IOS 10	1993
neighbor password	Cisco IOS 11	September 18, 1995
neighbor peer-group (assigning members)	Cisco IOS 11	September 18, 1995
neighbor peer-group (creating)	Cisco IOS 11	September 18, 1995
neighbor remote-as	Cisco IOS 10	1993
neighbor remove-private-as	Cisco IOS 10.3	April 13, 1995
neighbor route-map	Cisco IOS 10	1993
neighbor route-reflector-client	Cisco IOS 11.1	March 1996
neighbor send-community	Cisco IOS 10.3	April 13, 1995
neighbor shutdown	Cisco IOS 12	September 1998
neighbor soft-reconfiguration	Cisco IOS 11.2	October 1996
neighbor timers	Cisco IOS 12	September 1998
neighbor transport connection-mode	Cisco IOS 12.4	May 2, 2005
neighbor update-source	Cisco IOS 10	1993
neighbor weight	Cisco IOS 10	1993
network area	Cisco IOS 10	1993
no snmp-server	Release 7.0/7.1	April 24, 1989
ntp authenticate	Cisco IOS 10	1993
ntp authentication-key	Cisco IOS 10	1993
ntp server	Cisco IOS 10	1993
ntp source	Cisco IOS 10	1993
ntp trusted-key	Cisco IOS 10	1993
passive-interface	Release 7.0/7.1	April 24, 1989
passive-interface (OSPFv3)	Cisco IOS 15.1(3)S	July 25, 2011
passive-interface default	Cisco IOS 12	September 1998
policy-map type control-plane	NX-OS 4.0(1)	April 21, 2008
policy-map type qos	NX-OS 4	April 3, 2008
port-channel load-balance	Cisco IOS	April 14, 2003

Copied Command Expression	First Operating System	First Distribution Date
	12.2(14)SX	
port-channel min-links	Cisco IOS 12.2(18)SXF	September 12, 2005
priority-flow-control mode	NX-OS 5.1(1)	October 25, 2010
private-vlan	Cisco IOS 12.2(14)SX	April 14, 2003
private-vlan mapping	Cisco IOS 12.2(14)SX	April 14, 2003
ptp domain	NX-OS 5.2(1)	July 29, 2011
ptp priority1	NX-OS 5.2(1)	July 29, 2011
ptp priority2	NX-OS 5.2(1)	July 29, 2011
ptp sync interval	NX-OS 5.2(1)	July 29, 2011
radius-server deadtime	Cisco IOS 11.1	March 1996
radius-server host	Cisco IOS 11.1	March 1996
radius-server key	Cisco IOS 11.1	March 1996
radius-server retransmit	Cisco IOS 11.1	March 1996
radius-server timeout	Cisco IOS 11.1	March 1996
redundancy force-switchover	Cisco IOS 12.0(16)ST	March 29, 2001
route-map	Cisco IOS 10	1993
router bgp	Release 8.0	September 14, 1989
router isis	Cisco IOS 10	1993
router ospf	Cisco IOS 10	1993
router rip	Cisco IOS 12.2(2)T	May 25, 2001
router-id	Cisco IOS 12.0(1)T	November 2, 1998
router-id (OSPFv3)	Cisco IOS 15.1(3)S	July 25, 2011
routing-context vrf	NX-OS 4.0(1)	April 21, 2008
service sequence-numbers	Cisco IOS 12	September 1998
set-overload-bit	Cisco IOS 11.2	October 1996
show aaa method-lists	Cisco IOS 12.2(8)T	February 25, 2002
show aaa sessions	Cisco IOS 15.0(2)EX	June 22, 2013
show arp	ASM/AGS 5.2	July 20, 1986
show bfd neighbors	Cisco IOS 12.0(31)S	April 20, 2005
show clock	Cisco IOS 10	1993
show dot1q-tunnel	Cisco IOS 12.2(14)SX	April 14, 2003
show dot1x	Cisco IOS 12.1(11)AX	May 2003
show dot1x all summary	Cisco IOS 12.1(14)EA1	July 25, 2003
show dot1x statistics	Cisco IOS 12.2(25)SEE	May 1, 2006
show environment all	Cisco IOS 12.2(20)S2	March 16, 2004
show environment cooling	Cisco IOS 12.2(14)SX	April 14, 2003
show environment power	NX-OS 4.2(1)	August 10, 2009
show environment temperature	Cisco IOS 12.2(14)SX	April 14, 2003
show etherchannel	Cisco IOS	December 27, 1999

Copied Command Expression	First Operating System	First Distribution Date
	12.0(7)XE	
show hostname	NX-OS 4.0(1)	April 21, 2008
show hosts	ASM/AGS 5.2	July 20, 1986
show interfaces	ASM/AGS 5.2	July 20, 1986
show interfaces capabilities	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces description	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces flowcontrol	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces private-vlan mapping	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces status	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces switchport	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces switchport backup	Cisco IOS 12.2(18)SXF	September 12, 2005
show interfaces transceiver	Cisco IOS 12.2(17d)SXB2	July 21, 2004
show interfaces trunk	Cisco IOS 12.2(14)SX	April 14, 2003
show inventory	Cisco IOS 12.3(4)T	November 3, 2003
show ip access-lists	Cisco IOS 10.3	April 13, 1995
show ip arp	Cisco IOS 9	December 1992
show ip bgp	Cisco IOS 10	1993
show ip bgp community	Cisco IOS 10.3	April 13, 1995
show ip bgp neighbors	Cisco IOS 10	1993
show ip bgp paths	Cisco IOS 10	1993
show ip bgp peer-group	Cisco IOS 11	September 18, 1995
show ip bgp regexp	Cisco IOS 10	1993
show ip bgp summary	Cisco IOS 10	1993
show ip community-list	Cisco IOS 11	September 18, 1995
show ip dhcp snooping	Cisco IOS 12.2(18)SXE	April 11, 2005
show ip extcommunity-list	Cisco IOS 12.1	March 30, 2000
show ip helper-address	Cisco IOS 12.3(2)T	July 28, 2003
show ip igmp groups	Cisco IOS 10	1993
show ip igmp interface	Cisco IOS 10	1993
show ip igmp snooping	Cisco IOS 12.0(5.2)WC(1)	April 2001
show ip igmp snooping groups	Cisco IOS 12.4(15)T	June 29, 2007
show ip igmp snooping mrouter	Cisco IOS 12.0(5.2)WC(1)	April 2001
show ip igmp snooping querier	NX-OS 4.0(1)	April 21, 2008
show ip interface	Release 7.0/7.1	April 24, 1989
show ip interface brief	Cisco IOS 10	1993
show ip mfib	Cisco IOS XE 2.1	May 5, 2008
show ip mroute	Cisco IOS 10	1993
show ip mroute count	Cisco IOS 10	1993
show ip msdp mesh-group	NX-OS 4.0(1)	April 21, 2008

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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
show ip msdp peer	Cisco IOS 12.0(7)T	December 13, 1999
show ip msdp rpf-peer	Cisco IOS 12.3(4)T	November 3, 2003
show ip msdp sa-cache	Cisco IOS 12.0(7)T	December 13, 1999
show ip msdp summary	Cisco IOS 12.0(7)T	December 13, 1999
show ip nat translations	Cisco IOS 11.2	October 1996
show ip ospf	Cisco IOS 10	1993
show ip ospf border-routers	Cisco IOS 10	1993
show ip ospf database database-summary	Cisco IOS 11	September 18, 1995
show ip ospf interface	Cisco IOS 10	1993
show ip ospf neighbor	Cisco IOS 10	1993
show ip ospf request-list	Cisco IOS 10.2	October 4, 1994
show ip ospf retransmission-list	Cisco IOS 10.2	October 4, 1994
show ip pim interface	Cisco IOS 10	1993
show ip pim neighbor	Cisco IOS 10	1993
show ip pim rp	Cisco IOS 10.2	October 4, 1994
show ip pim rp-hash	Cisco IOS 11.3T	December 15, 1997
show ip prefix-list	Cisco IOS 12	September 1998
show ip rip database	Cisco IOS 12.0(6)T	September 20, 1999
show ip rip neighbors	Cisco IOS XE 3.3	March 30, 2011
show ip route	Cisco IOS 9.2	1992-1995
show ip route summary	Cisco IOS 10	1993
show ip route tag	Cisco IOS 15.2(2)S	March 30, 2012
show ipv6 access-list	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 bgp	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp community	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp neighbors	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp summary	NX-OS 4.0(1)	April 21, 2008
show ipv6 interface	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 neighbors	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 ospf	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf border-routers	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf interface	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf neighbor	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 prefix-list	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route summary	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route tag	Cisco IOS 15.2(2)S	March 30, 2012
show isis database	Cisco IOS 10	1993
show isis interface	NX-OS 4.0(1)	April 21, 2008
show isis topology	Cisco IOS 12.0(26)S	August 26, 2003
show lacp counters	NX-OS 4	April 3, 2008
show lacp interface	NX-OS 4	April 3, 2008
show lacp neighbor	NX-OS 4	April 3, 2008
show link state group	Cisco IOS 15.1(1)S	November 23, 2010
show lldp	Cisco IOS 12.2(33)SXH	August 21, 2007
show lldp neighbors	Cisco IOS 12.2(33)SXH	August 21, 2007
show lldp traffic	Cisco IOS 12.2(33)SXH	August 21, 2007
show mac access-lists	NX-OS 4.0(1)	April 21, 2008

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
show mac-address-table	Cisco IOS 11.2(8)SA3	1997- 2002
show mac-address-table aging time	Cisco IOS 11.2(8)SA3	1997- 2002
show mac-address-table count	Cisco IOS 11.2(8)SA3	1997- 2002
show module	Cisco IOS 12.2(14)SX	April 14, 2003
show monitor session	Cisco IOS 12.2(14)SX	April 14, 2003
show ntp associations	Cisco IOS 10	1993
show ntp status	Cisco IOS 10	1993
show policy-map control-plane	Cisco IOS 12.2(18)S	August 21, 2003
show policy-map interface	Cisco IOS 12.0(5)T	July 27, 1999
show policy-map interface control-plane	NX-OS 6.2(2)	August 22, 2013
show port-channel summary	NX-OS 4	April 3, 2008
show port-channel traffic	NX-OS 4	April 3, 2008
show port-security	Cisco IOS 12.2(14)SX	April 14, 2003
show port-security address	Cisco IOS 12.2(18)SXE	April 11, 2005
show port-security interface	Cisco IOS 12.2(14)SX	April 14, 2003
show privilege	Cisco IOS 10.3	April 13, 1995
show ptp clock	NX-OS 5.2(1)	July 29, 2011
show ptp parent	NX-OS 5.2(1)	July 29, 2011
show ptp time-property	NX-OS 5.2(1)	July 29, 2011
show qos maps	Cisco IOS 12.1(8a)EW	January 16, 2002
show radius	NX-OS 4.0(1)	April 21, 2008
show redundancy states	Cisco IOS 12.2(20)S	October 29, 2003
show reload	Cisco IOS 11.2	October 1996
show role	NX-OS 4.0(1)	April 21, 2008
show route-map	Cisco IOS 10	1993
show snmp	Cisco IOS 10	1993
show snmp chassis	Cisco IOS 12.4(12)T	June 29, 2007
show snmp community	Cisco IOS 12.4(12)T	June 29, 2007
show snmp contact	Cisco IOS 12.4(12)T	June 29, 2007
show snmp engineID	Cisco IOS 12.0(3)T	January 21, 1999
show snmp group	Cisco IOS 12.0(3)T	January 21, 1999
show snmp host	Cisco IOS 12.4(12)T	June 29, 2007
show snmp location	Cisco IOS 12.4(12)T	June 29, 2007
show snmp mib	Cisco IOS 12.2(2)T	May 25, 2001
show snmp source-interface	NX-OS 4.2(1)	August 10, 2009
show snmp trap	NX-OS 4.0(1)	April 21, 2008
show snmp user	Cisco IOS 12.0(3)T	January 21, 1999
show snmp view	Cisco IOS 12.4(2)T	June 27, 2005
show spanning-tree	Cisco IOS 12.0(1)T	November 2, 1998
show spanning-tree blockedports	NX-OS 4	April 3, 2008
show spanning-tree bridge	NX-OS 4	April 3, 2008
show spanning-tree interface	NX-OS 4	April 3, 2008

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Copied Command Expression	First Operating System	First Distribution Date
show spanning-tree mst	Cisco IOS 12.2(14)SX	April 14, 2003
show spanning-tree mst configuration	NX-OS 4	April 3, 2008
show spanning-tree mst interface	NX-OS 4	April 3, 2008
show spanning-tree root	NX-OS 4	April 3, 2008
show storm-control	Cisco IOS 12.2(2)XT	December 3, 2001
show tacacs	Cisco IOS 11.2	October 1996
show track	Cisco IOS 12.2(15)T	March 17, 2003
show user-account	NX-OS 4.0(1)	April 21, 2008
show users	ASM/AGS 5.2	July 20, 1986
show version	Cisco IOS 9	December 1992
show vlan	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan internal usage	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan private-vlan	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan summary	NX-OS 4	April 3, 2008
show vrf	Cisco IOS 12.2(33)SRB	February 28, 2007
show vrrp	Cisco IOS 12.0(18)ST	June 4, 2001
snmp trap link-status	Cisco IOS 10	1993
snmp-server chassis-id	Cisco IOS 10	1993
snmp-server community	Release 7.0/7.1	April 24, 1989
snmp-server contact	Cisco IOS 10	1993
snmp-server enable traps	Cisco IOS 10.3	April 13, 1995
snmp-server engineID local	Cisco IOS 12.0(3)T	January 21, 1999
snmp-server engineID remote	Cisco IOS 12.0(3)T	January 21, 1999
snmp-server group	Cisco IOS 11.(3)T	December 15, 1997
snmp-server host	Release 7.0/7.1	April 24, 1989
snmp-server location	Cisco IOS 10	1993
snmp-server source-interface	Cisco IOS 12.2(18)SXB2	March 2004- September 2006
snmp-server user	Cisco IOS 12.0(3)T	January 21, 1999
snmp-server view	Cisco IOS 10	1993
spanning-tree bpdufilter	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree bpduguard	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree bridge assurance	Cisco IOS 12.2(33)SXI	November 11, 2008
spanning-tree cost	Cisco IOS 12.0(7)XE	December 27, 1999
spanning-tree guard	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree link-type	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree loopguard default	Cisco IOS 12.2(14)SX	April 14, 2003

Copied Command Expression	First Operating System	First Distribution Date
spanning-tree mode	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree mst configuration	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree portfast bpdufilter default	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree portfast bpduguard default	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree port-priority	Cisco IOS 12.0(7)XE	December 27, 1999
spanning-tree transmit hold-count	Cisco IOS 12.2(18)SXF	September 12, 2005
spanning-tree vlan	Cisco IOS 12.0(7)XE	December 27, 1999
spf-interval	Cisco IOS 10.3	April 13, 1995
statistics per-entry	NX-OS 4.0(1)	April 21, 2008
storm-control	Cisco IOS 12.2(2)XT	December 3, 2001
switchport access vlan	Cisco IOS 12.2(14)SX	April 14, 2003
switchport backup interface	Cisco IOS 12.2(18)SXF	September 12, 2005
switchport mode	Cisco IOS 12.0(7)XE	December 27, 1999
switchport port-security	Cisco IOS 12.2(14)SX	April 14, 2003
switchport port-security maximum	Cisco IOS 12.2(14)SX	April 14, 2003
switchport private-vlan mapping	Cisco IOS 12.2(14)SX	April 14, 2003
switchport trunk allowed vlan	Cisco IOS 12.0(7)XE	December 27, 1999
switchport trunk native vlan	Cisco IOS 12.0(7)XE	December 27, 1999
switchport vlan mapping	Cisco IOS 12.2(17b)SXA	December 31, 2003
tacacs-server host	Release 7.0/7.1	April 24, 1989
tacacs-server key	Cisco IOS 11.1	March 1996
tacacs-server timeout	Release 7.0/7.1	April 24, 1989
terminal length	ASM/AGS 5.2	July 20, 1986
terminal monitor	Release 8.0	September 14, 1989
timers basic (RIP)	Release 8.0	September 14, 1989
timers bgp	Cisco IOS 10	1993
timers lsa arrival	Cisco IOS 12.0(24)S	August 26, 2003
timers throttle lsa all	Cisco IOS 12.0(24)S	August 26, 2003
timers throttle spf	Cisco IOS 12.2(14)S	January 30, 2003
username sshkey	NX-OS 4.1(2)	December 18, 2008
vlan internal allocation policy	Cisco IOS 12.2(14)SX	April 14, 2003
vrf definition	Cisco IOS 12.2(33)SRB	February 28, 2007

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

Copied Command Expression	First Operating System	First Distribution Date
vrf forwarding	Cisco IOS 12.2(33)SRB	February 28, 2007
vrrp authentication	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp delay reload	Cisco IOS XE 2.6	February 26, 2010
vrrp description	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp ip	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp ip secondary	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp preempt	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp priority	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp shutdown	Cisco IOS 12.3(11)T	September 20, 2004
vrrp timers advertise	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp track	Cisco IOS 12.3(2)T	July 28, 2003

Mr. Lougheed is personally knowledgeable about the creation of the following command expressions, for the creation of which he was responsible:

arp timeout
banner login
banner motd
boot system
clear arp-cache
clear ip arp
clear ip bgp
distance bgp
interface ethernet
interface loopback
ip access-list
ip access-list standard
ip address
ip domain lookup
ip domain-name
ip helper-address
ip host
ip name-server
ip route
ip routing
router bgp
router rip
show arp
show hostname
show hosts
show interfaces
show ip access-lists

| show ip arp |
| show ip bgp |
| show ip interface |
| terminal length |

The table below identifies Cisco hardware products that supported operating systems identified above. The information below is provided with respect to master versions of Cisco's operating systems—not with respect to particular code releases, which information is not kept in the ordinary course of business and is unduly burdensome to obtain. This table reflects information currently available to Cisco, and Cisco reserves the right to amend or supplement the information contained in this table as additional information comes to light.

OPERATING SYSTEM	PLATFORMS
IOS 10.0	Cisco 7000 Series Router
	Cisco 4000 Series Router (including Cisco 4000 and Cisco 4000-M)
	Cisco 3000 Series Router
	Cisco 3101
	Cisco 3102
	Cisco 3103
	Cisco 3104
	Cisco 3204
	Cisco 2500 Series Router (except Cisco 2520 through Cisco 2523)
	AccessPro PC Card for IBM PC
	AGS+ (with a CSC/4 processor board)
	MGS (with a CSC/4 processor board)
	CGS (with a CSC/4 processor board)
	IGS L/R/TR
IOS 10.2	Cisco 7000 Series Router
	Cisco 7010
	Cisco 4000 Series Router (including Cisco 4000, Cisco 4000-M, Cisco 4500, Cisco 4500-M, Cisco 4700)
	Cisco 3000 Series Router (except the Cisco 3202)
	Cisco 2500 Series Router (Cisco 2501 through Cisco 2516)
	Cisco 1000 Series LAN Extender
	AccessPro PC card
	AGS and AGS+ (with a CSC/4 processor board)
	MGS (with a CSC/4 processor board)
	CGS (with a CSC/4 processor board)
IOS 10.3	Cisco 7000 Series Router
	Cisco 4000 Series Router (including Cisco 4000, Cisco 4000-M, Cisco 4500-M, and Cisco 4700)
	Cisco 3000 Series Router (except the Cisco 3202)
	Cisco 2500 Series Router (except Cisco 2520 through Cisco 2525)

OPERATING SYSTEM	PLATFORMS
	Cisco 1000 Series Router (including Cisco 1003, Cisco 1004, Cisco 1005)
	Cisco 1000 LAN Extender
	AccessPro PC Card
	AGS+ (with a CSC/4 processor board)
	MGS (with a CSC/4 processor board)
	CGS (with a CSC/4 processor board)
IOS 11.0	Cisco 1003 ISDN Router
	Cisco 1004 ISDN Router
	Cisco 1005 Router
	Cisco 2500 Series
	Cisco 3000 Series (but not 3202)
	4000 Series Router (including Cisco 4000, 4000-M, 4500, 4500-M, 4700 & 4700-M)
	4000-M Series
	4500 Series
	4500-M Series
	4700 Series
	4700-M Series
	7000 Series Router
	7000 Series with RSP7000 Router platform
	7500 Series Router
	AGS+ (with a CSC/4 processor board)
	MGS (with a CSC/4 processor board)
	CGS (with a CSC/4 processor board)
	ASM-CS Access Server Platform
	2500 Series Access Server Platform
	AS5100 Access Server Platform
IOS 11.1	Cisco 1003 ISDN Routers
	Cisco 1004 ISDN Routers
	1005 Router
	Cisco 1600 Series Routers
	Cisco 2500 Series
	Cisco 3000 Series (except Cisco 3202)
	Cisco 3600 Series Routers
	Cisco 4000 Series (including Cisco 4000, 4000-M, 4500, 4500-M, 4700 & 4700-M)
	Cisco 7000 Series Routers with RSP7000 (Route Switch Processor) & RSP7000CI (Chassis Interface) (including Cisco 7000 & 7010)
	Cisco 7200 Series Routers (including Cisco 7202, 7204 & 7206)
	Cisco 7500 Series Routers ("including" Cisco 7505, 7507 & 75013 [sic])
	1000 LAN Extender
	AS5100
	AS5200 Access Servers
	Certain features of CPA4500 Router
	Certain features of CPA4700 Router
IOS 11.2	Cisco 1003 ISDN Routers
	Cisco 1004 ISDN Routers

OPERATING SYSTEM	PLATFORMS
	1005 Router
	Cisco 1600 Series Routers (including Cisco 1601, 1602, 1603 & 1604)
	Cisco 3000 Series (except Cisco 3202)
	Cisco 3600 Series Routers (including Cisco 3640 & 3620)
	Cisco 3800 Series
	Cisco 4000 Series Routers (including Cisco 4500, 4500-M, 4700 & 4700-M)
	Cisco 7000 Series (including RSP7000 & RSP7000CI)
	Cisco 7200 (including Cisco 7206 & 7204)
	Cisco 7500 Series (including Cisco 7505, 7507 & 7513)
	Cisco AS2509-RJ & Cisco AS2511-RJ Access Servers
	Cisco AS5100
	Cisco AS5200 Universal Access Server
	Cisco 1000 LAN Extender
	Cisco 2500 Fixed FRAD Series (including Cisco 2501FRAD-FX, Cisco 2501LANFRAD-FX, and Cisco 2502LANFRAD-FX)
	Cisco 3011 WAN module (a router card that is installed in the Catalyst 3200 switch)
IOS 11.3	Cisco 1003 ISDN Router
	Cisco 1004 ISDN Router
	Cisco 1005 Router
	Cisco 1600 Series (including Cisco 1601, 1602, 1603, & 1604)
	Cisco 2500 Series (including Cisco 2501, 2502, 2503, 2504, 2505, 2507, 2516, 2520, 2521, 2522, 2523, 2513, 2514, 2515, 2524, 2525, AS2509, AS2511, AS2512, AS2509-RJ, AS2511-RJ, & 2509-ET)
	Cisco 3011 Router
	Cisco 3600 Series (including Cisco 3640 & 3620)
	Cisco 4000 Series (including Cisco 4000, 4000-M, 4500, 4500-M, 4700, & 4700-M)
	Cisco 7200 Series (including Cisco 7204 & 7206)
	Cisco 7500/RSP Series (including Cisco 7000 equipment with RSP7000 processor; Cisco 7010 equipped with RSP7000 processor; Cisco 7505, 7507, & 7513)
	Cisco AS5100 Access Server
	Cisco AS5200 Access Server
	AccessPro PC Card
IOS 12.0	Cisco 800 Series Routers (including Cisco 801, 802, 802 IDSL, 803, 804, 804 IDSL & 805)
	Cisco 1003 ISDN Router
	Cisco 1004 ISDN Router
	Cisco 1005 Router
	Cisco 1401 Router
	Cisco 1600 Series
	Cisco 1700 Series (including Cisco 1720 & 1750 Routers)
	Cisco 2500 Series (including Single LAN Routers: Models 2502, 2503, 2504, 2520, 2521, 2522, & 2523; Mission-Specific, entry-level Routers: Models 2501CF, 2502CF,

OPERATING SYSTEM	PLATFORMS
	2503I, 2504I, 2520CF, 2520LF, 2521CF, 2521LF, 2522CF, 2522LF, 2523CF, & 2523LF; Router/hub combinations: Models 2505, 2507 & 2516; Access Servers: Models 2509 to 2512; Dual LAN Routers: Models 2513, 2514 & 2515; Modular Routers: Models 2524 & 2525 (optional integrated DSU/CSU or NT-1))
	Cisco 2600 Series (including Cisco 2610, 2611, 2612, 2613, 2620 & 2621 Routers)
	Cisco 3600 Series (including Cisco 3620, 3640, 3661 & 3662 Routers)
	Cisco 4000 Series (including Cisco 4000, 4000-M, 4500, 4500-M, 4700 & 4700-M Routers)
	Cisco 7000 Series Routers (including Cisco 7000 & 7010) upgraded with the 7000 Series Route Switch Processor (RSP7000) & 7000 Series Chassis Interface (RSP7000CI))
	Cisco 7200 Series (including Cisco 7202, 7204 & 7206 Routers)
	Cisco 7200VXR (including Cisco 7204VXR & 7206VXR Routers)
	Cisco 7500 Series (including Cisco 7505, 7507, 7513 & 7576)
	Cisco 7500 RSPx Series
	Cisco 10000 Series (including Cisco 10005 & 10008)
	Cisco 12000 Series (including Cisco 12008, 12012, 12016, 12410 & 12416)
	Cisco MC3810
	Cisco Catalyst 5000 Series
	Cisco Catalyst 2950 Switch
	Cisco AS5200 Series
	Cisco AS5300 Series
	Cisco AS5800 Series
	Cisco 10720 Internet Router
	Cisco uBR7200 Series Cable Routers (including Cisco uBR7223, uBR7246 & uBR7246 VXR)
IOS 12.1	Cisco 800 Series (including 801, 802, 803, 804, 805 Routers)
	Cisco 1000 Series (including Cisco 1003 & 1004 ISDN Routers; Cisco 1005 Serial Router)
	Cisco 1400 Series (including Cisco 1401 & 1417 routers)
	Cisco 1600 Series (including Cisco 1601, 1601-R, 1602, 1602-R, 1603, 1603-R, 1604, 1604-R, 1605-R Routers)
	Cisco 1700 Series (including Cisco 1720, 1750 Routers)
	Cisco 2500 Series (including Single LAN Routers: Models 2502, 2503, 2504, 2520, 2521, 2522, & 2523; Mission Specific, Entry-level Routers: Models 2501CF, 2502CF, 2503I, 2504I, 2520CF, 2520LF, 2521CF, 2521LF, 2522CF, 2522LF, 2523CF & 2523LF; Router/Hub Combinations: Models 2505, 2507 & 2516; Access Servers: Models 2509 to 2512; Dual LAN Routers: Models 2513, 2514, & 2515; Modular Routers: Models 2524 & 2525 (optional integrated DSU/CSU or NTI Modular Routers))
	Cisco 2600 Series (including Cisco 2610, 2611, 2612, 2613,

OPERATING SYSTEM	PLATFORMS
	2620, 2621 Routers)
	Cisco 3600 Series (including Cisco 3620, 3640, 3660, 3661 & 3662 Routers)
	Cisco 4000 Series (including Cisco 4000, 4000-M, 4500, 4500-M, 4700, 4700-M)
	Cisco 7000 Family (including Cisco 7200VXR Routers-7204VXR & 7206VXR; Cisco 7200 Series Routers-7202, 7204 & 7206; Cisco 7500 Series Routers-7505, 7507, 7513 & 7576; Cisco 7000 Series Routers-7000, 7010-as upgraded with the 7000 series Route Switch Processor [RSP7000] & 7000 Series Chassis Interface [RSP7000CI])
	Cisco uBR900 Series (including uBR904
	Cisco uBR920 Series (including uBR924)
	Cisco uBR7200 Universal Broadband Router (including Cisco uBR7223, uBR7246 & uBR7246 VXR)
	Cisco Catalyst 3750 Switch
	Cisco Catalyst 5000 Family RSM/VIP2 (including Catalyst 5000, 5002 & 5500 Switches)
	Cisco Catalyst 5000 RSFC (including Catalyst 5000, 5002 & 5500 Switches)
	Cisco AS5200 Universal Access Server
	Cisco AS5300 Universal Access Server
	Cisco AS5800 Universal Access Server (including Cisco DS5814, RS7206 & RS7206 VXR)
	Cisco 15104 Optical Networking System
	Cisco MGX 8850 Route Processor Module
	Cisco MC3810 Multiservice Access Concentrator
IOS 12.2	Cisco 800 Series Routers (including Cisco 801, 802, 803, 804, 805, 806, 811, 813, 826, 827, 827-4V, 827-V, 828)
	Cisco 820 Series Routers (including Cisco 826, 827 & 827-4V)
	Cisco 1400 Series Routers (including Cisco 1401, 1417)
	Cisco 1600/1600R Series Routers (including Cisco 1601, 1601-R, 1602, 1602-R, 1603, 1603-R, 1604, 1604-R, 1605-R)
	Cisco 1700 Series Routers (including Cisco 1710, 1720, 1721, 1750, 1751, 1751-V)
	Cisco 2500 Series Routers (including Single LAN Routers: Models 2502, 2503, 2504, 2520, 2521, 2522 & 2523; Mission-Specific, entry-level routers: Models 2501CF, 2502CF, 2503I, 2520CF, 2520LF, 2521CF, 2521LF, 2522CF, 2522LF, 2523CF & 2523LF; Router/Hub Combinations: Models 2505, 2507 &2516; Access Servers: Models 2509 & 2512; Dula LAN Routers: Models 2513, 2514 & 2515; Modular Routers: Models 2524 & 2525 (optional integrated DSU/CSU or NT-1))
	Cisco 2600 Series Routers (including Cisco 2610, 2611, 2612, 2613, 2620, 2621, 2650 & 2651)
	Cisco 3600 Series Routers (including Cisco 3620, 3631, 3640, 3660, 3661, 3662)
	Cisco 3700 Series Routers (including Cisco 3725 & 3745)
	Cisco 4000 Series Routers

OPERATING SYSTEM	PLATFORMS
	Cisco 6400
	Cisco 7000 Family Routers (including Cisco 7000, 7010, 7100, 7120, 7140)
	Cisco 7200 Series (including 7202, 7204, 7204VXR. 7206, 7206VXR)
	Cisco 7301 Router
	Cisco 7304 Routers (including 7304-NSE-100, 7304-NPE-G100)
	Cisco 7400 Series Routers (including Cisco 7401 ASR-BB, 7401 ASR-CP)
	Cisco 7500 Series Routers (Including Cisco 7505, 7507, 7513, 7576)
	Cisco 10000 Series Routers, Performance Routing Engine 2 through 4
	Cisco uBR900 Series
	Cisco uBR905 Series Cable Access Routers
	Cisco uBR924 Cable Access Router
	Cisco uBR925 Series Cable Access Routers
	Cisco uBR7100 Series
	Cisco uBR7200 Series Universal Broadband Routers (including Cisco uBR7223, uBR7246, uBR7246 VXR)
	Cisco uBR10012 Universal Broadband Router
	Cisco Catalyst 2960 Series Switches
	Cisco Catalyst 2970 Series Switches
	Cisco Catalyst 3560 Series Switches
	Cisco Catalyst 3750 Series Switches
	Cisco Catalyst 4000 Access Gateway Module
	Cisco Catalyst 4224 Access Gateway Switch
	Cisco Catalyst 4500 Series Switches
	Cisco Catalyst 4900 Series Switches
	Cisco Catalyst 5000 RSM/VIP2
	Cisco Catalyst 6500 & 6500 VSSSeries Switches
	Cisco Voice Gateway 200
	Cisco MC3810 Multiservice Access Concentrator
	Cisco AS5300 Universal Access Servers
	Cisco AS5400 Universal Gateway
	Cisco AS5800 Universal Access Servers (including Cisco DS5814, RS7206 VXR)
	Cisco AS5850 Universal Gateway
	Cisco 15104 Optical Networking System
	Cisco MGX 8850 Route Processor Module
	Cisco Signaling Link Terminal
	SOHO 70 Series Routers (including SOHO 77 & 78)
	Cisco CVA120 Series (including CVA122, CVA122E)
	Cisco IAD2420 Series (including IAD2421, IAD2423)
	Cisco IGX 8400 Series URM
	Cisco 7200 VXR WAN Routers
	Cisco 7301 WAN Router
	Cisco 7304 WAN Router
	Cisco ASR 1000 Series WAN Routers
	Cisco ICS 7750

OPERATING SYSTEM	PLATFORMS
	Supervisor Engines (including CAT6000-SUP720/MSFC3 , 7600-SUP720/MSFC3 , CAT6000-SUP32/MSFC2A , 7600-SUP32/MSFC2A, CAT6000-SUP2/MSFC2 , 7600-SUP2/MSFC2)
IOS 12.3	Cisco AS5000 Series Access Servers
	Cisco AS5300 Series Access Servers
	Cisco AS5350 Series Access Servers
	Cisco AS5400 Series Access Servers
	Cisco AS5800 Series Universal Gateways
	Cisco AS5850 Access Servers
	Cisco AS5850-ERSC Access Servers
	Cisco AS5850-RSC Series Access Servers
	Cisco uBR905 Cable Access Routers
	Cisco uBR925 Cable Access Routers
	Cisco uBR7100 Series Universal Broadband Router
	Cisco uBR7200 Series Universal Broadband Router
	Cisco uBR10012 Universal Broadband Router
	Cisco 261xXM Series Access Routers
	Cisco 262xXM Series Access Routers
	Cisco 265xXM Series Access Routers
	Cisco 800 Series Routers
	Cisco 801 Routers
	Cisco 802 Routers
	Cisco 803 Routers
	Cisco 804 Routers
	Cisco 805 Routers
	Cisco 806 Routers
	Cisco 811 Routers
	Cisco 813 Routers
	Cisco 820 Routers
	Cisco 827 Routers
	Cisco 828 Routers
	Cisco 830 Series Router
	Cisco 831 Routers
	Cisco 836 Routers
	Cisco 837 Routers
	Cisco 871 Routers
	Cisco 1400 Series Routers
	Cisco 1600 Series Routers
	Cisco 1600R Series Routers
	Cisco 1700 Series Routers
	Cisco 1701 Routers
	Cisco 1710 Routers
	Cisco 1711 Routers
	Cisco 1711 Security Access Routers
	Cisco 1712 Routers
	Cisco 1712 Security Access Routers
	Cisco 1720 Routers
	Cisco 1721 Routers
	Cisco 1750 Routers
	Cisco 1751 Routers

OPERATING SYSTEM	PLATFORMS
	Cisco 1751-V Routers
	Cisco 1760 Routers
	Cisco 1760-V Access Routers
	Cisco 1800 Series Routers
	Cisco 1811 Routers
	Cisco 1841 Routers
	Cisco 2420 Routers
	Cisco 2501-2525 Routers
	Cisco 2600 Series Routers
	Cisco 2600XM Series Routers
	Cisco 2610 Routers
	Cisco 2610XM Routers
	Cisco 2611 Routers
	Cisco 2611XM Routers
	Cisco 2612 Routers
	Cisco 2613 Routers
	Cisco 2620 Routers
	Cisco 2620XM Routers
	Cisco 2621 Routers
	Cisco 2621XM Routers
	Cisco 2650 Routers
	Cisco 2650XM Routers
	Cisco 2651 Routers
	Cisco 2651XM Routers
	Cisco 2691 Routers
	Cisco 2800 Series Routers
	Cisco 3600 Series Routers
	Cisco 3620 Routers
	Cisco 3631 Routers
	Cisco 3640 Routers
	Cisco 3640A Routers
	Cisco 3660 Routers
	Cisco 3660-ENT Series Routers
	Cisco 3662 Routers
	Cisco 3700 Series Routers
	Cisco 3725 Routers
	Cisco 3740 Routers
	Cisco 3745 Routers
	Cisco 3800 Series Routers
	Cisco 3800 Series Integrated Services Routers
	Cisco 3825 Routers
	Cisco 4500 Series Routers
	Cisco 7000 Series Routers
	Cisco 7100 Series Routers
	Cisco 7200 Series Routers (including Cisco 7200 Series with ATA Disk)
	Cisco 7200VXR Series Routers
	Cisco 7200 MWAM Series Routers
	Cisco 7300 Series Routers
	Cisco 7301 Routers
	Cisco 7304-NPE-G100 Routers

OPERATING SYSTEM	PLATFORMS
	Cisco 7304-NSE-100 Routers
	Cisco 7400 Series Routers
	Cisco 7401 Routers
	Cisco 7500 Series Routers
	Cisco 7600-MWAM Routers
	Cisco 8850RPM-PR Routers
	Cisco 10000 Series Routers
	Cisco SOHO70 Routers
	Cisco SOHO76 Routers
	Cisco SOHO77 Routers
	Cisco SOHO77H Routers
	Cisco SOHO78 Routers
	Cisco 10000-PRE-1 Series Routers
	Cisco MC3810 Series Routers
	Cisco Catalyst 4000-AGM Series Switch
	Cisco Catalyst 4500 Series Switch
	Cisco Catalyst 6000 Series Switch with MWAM Card and VPNSM Module
	Master Controller Engine Linux Appliance
	Cisco IAD 2400 Series Integrated Access Devices
	Cisco 6400-NRP-1 Broadband Aggregators
	Cisco 6400-NRP-2 Broadband Aggregators
	Cisco 6400-NRP-2SV Broadband Aggregators
	Cisco IGX8400-URM Series Switch
	Cisco 8850RPM-PR Device
	Cisco CVA120 Device
	Cisco ICS7750 Series Switch
	Cisco VG200 Device
	Cisco ONS15104 Device
IOS 12.4	Cisco 800 Series Routers (including Cisco 806, 820, 826, 827, 827H, 827-4V, 828, 830, 831 & 837)
	Cisco 1700 Series Routers (including Cisco 1701, 1710, 1711, 1712, 1720, 1721, 1751, 1751-V & 1760)
	Cisco 1800 Series Routers (Modular) (including 1841)
	Cisco MWR 1900 Series Routers (including Cisco MWR 1941-DC Mobile Wireless Edge Router)
	Cisco 2600XM Series Modular Access Routers (including Cisco 2610XM, 2611XM, 2620XM, 2621XM, 2650XM, 2651XM, 2691)
	Cisco 2800 Series Routers (including Cisco 2801, 2811, 2821, 2851)
	Cisco 3200 Series Mobile Access Routers (including Cisco 3220, 3250)
	Cisco 3600 Series Routers (including Cisco 3631, 3640, 3640A, 3660)
	Cisco 3700 Series Routers (including Cisco 3725, 3745)
	Cisco 3800 Series Routers (including Cisco 3825, 3845)
	Cisco 7000 Family Routers
	Cisco SOHO 70 Series Routers (including SOHO 78)
	Cisco SOHO 90 Series Routers (including SOHO 91, 96, 97)

OPERATING SYSTEM	PLATFORMS
	Cisco Small Business 100 Series Routers (including 101 Secure Broadband Router, 106 Secure ADSL over ISDN Router & 107 Secure ADSL Router)
	Cisco VG224 Analog Gateway
	Cisco MWR 1900 Series Routers (including Cisco MWR 1941-DC Mobile Wireless Edge Router)
	Cisco IAD2430 Series Integrated Access Devices (including Cisco 2430-24FXS IAD, Cisco 2431-8FXS IAD, Cisco 2431-16FXS IAD, Cisco 2431-1T1E1 IAD, Cisco 2432-24FXS IAD)
	Cisco Catalyst 4500 Access Gateway Modules (including All Cisco Catalyst 4000 & 4500 Series Chassis, Supervisor Engine II, III & IV)
	Cisco Catalyst 6000/Cisco 7600 Multi-Processor WAN Application Module
	Cisco Catalyst 6500/Cisco 7600 Communication Media Module
	Cisco AS5350 & AS5350XM Universal Gateways
	Cisco AS5400, AS5400HPX & AS5400XM Universal Gateways
	Cisco AS5850 Universal Gateways
	Cisco IGX 8400 Series URM
	Cisco MGX 8850 Route Processor Modules
	Cisco Signaling Link Terminals
	Cisco 7200 VXR WAN Routers
	Cisco 7301 WAN Router
	Cisco Aironet Access Points 3600, 3500, 2600, 1600, 1550, 1530, 1260, 1140, 1040, 802, and 702
	Cisco AS5x50
IOS 15.0	Cisco 800 Series Routers (including Cisco 876, 877, 891)
	Cisco 1800 Series Routers (including Cisco 1801, 1802, 1841, 1861)
	Cisco 1900 Series Integrated Services Routers
	Cisco 2800 Series Integrated Services Routers (including Cisco 2801, 2811, 2821, 2851)
	Cisco 2900 Series Integrated Services Routers
	Cisco 3200 Rugged Integrated Services Routers
	Cisco 3800 Series Integrated Services Routers (including Cisco 3825, 3845)
	Cisco 3900 Series Integrated Services Routers
	Cisco 7000 Family Routers
	Cisco 7200 VXR Series WAN Routers
	Cisco 7301 WAN Router
	Cisco AS5350XM Universal Gateways
	Cisco AS5400XM Universal Gateways
	Cisco IAD2430 Series Integrated Access Devices
	Cisco IAD2801 Series Integrated Access Devices
	Cisco VG202 Voice Gateways
	Cisco VG204 Voice Gateways
	Cisco VG224 Analog Gateways
	Cisco VGD 1T3

OPERATING SYSTEM	PLATFORMS
	Catalyst 2960-X Switch
	Catalyst 3750-X Switch
	Catalyst 3750-E Switch
	Catalyst 3560-X Switch
	Catalyst 3560-E Switch
	Cisco AS5x50
IOS 15.1	Cisco 800 Series Routers (including 819G, 819HG, 860, 961, 966, 866VAE, 867, 867 VAE, 870, 871, 876, 877, 878, 881, 881 CUBE, 881W, IAD881, SRST881, 886, 886 CUBE, IAD886, 886 VA, 886 VA-W, 887, 887 CUBE, IAD887, 887 VA, 887 VA-M, 887 VA-W, 887 VAM-W, 888, 888 CUBE, 888E, IAD888, SRST888, 890, 891, 892, 892F CUBE)
	Cisco 1800 Series Routers (including Cisco 1801, 1802, 1803, 1805 wireless & nonwireless; Cisco 1811 & 1812 wireless & nonwireless (fixed configuration); Cisco 1841, 1841 VE (modular); 1841C; Cisco 1861, 1861E (integrated services))
	Cisco 1900 Series Integrated Services Routers (including Cisco 1905, 1906C, 1921, 1941, 1941W)
	Cisco 2800 Series Integrated Services Routers (including Cisco 2801, 2801C, 2811, 2811 VE, 2811C, 2851)
	Cisco 2900 Series Integrated Services Routers (including Cisco 2901, 2911, 2921, 2951)
	Cisco 3800 Series Integrated Services Routers (including Cisco 3825, 3825-NOVPN, 3825 IP RAN, 3845, 3845 RAN-O, 3845-NOVPN)
	Cisco 3900 Series Integrated Services Routers (including Cisco 3925, 3925E, 3945, 3945E)
	Cisco 7200 Series Routers (including Cisco 7200, 7200-NPE-G2, 7201, 7301)
	Cisco 7600 Series Routers (Cisco 7603-S, Cisco 7604, Cisco 7606, Cisco 7606-S, 7609, 7609-S, 7613)
	Cisco AS5350XM Universal Gateways
	Cisco AS5400XM Universal Gateways
	Cisco CGR 2000 Series (including CGR 2010)
	Cisco IAD2430 Series Integrated Access Devices (including Cisco IAD2430, 2431, 2432, 2435)
	Cisco IAD2801 Series Integrated Access Devices
	Cisco Unified Communications 500 Series
	Cisco VG200 Series Analog Voice Gateways (including Cisco VG202, 204, 224)
	Cisco VGD 1 T3 Voice Gateways
	Cisco MWR 2941 (including Cisco MWR 2941-DC, MWR 2941-DC-A)
	Cisco ASR 901 Series (including Cisco ASR 901 Router TDM version (A901-12C-FT-D, A901-4C-FT-D); Cisco ASR 901 Router Ethernet version (A901-12C-F-D, A901-4C-F-D))
	Cisco Catalyst 6500 Series Switches
	Instant Access Catalyst 6800ia Series Switches (including Catalyst C6800IA-48FPDR; Catalyst C6800IA-48FPD;

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

OPERATING SYSTEM	PLATFORMS
	Catalyst C6800IA-48TD)
	Cisco Catalyst 6807-XL Modular Switch (including C6807-XL)
	Cisco Catalyst 6880-X Series Extensible Fixed Aggregation Switches (including C6880-X-LE; C6880-X; C6880-X-LE-16P10G; C6880-X-16P10G)
	Chassis (including WS-C6513-E; CISCO7613-S; WS-C6513; WS-C6509-V-E; WS-C6509-E; CISCO7609-S; WS-C6506-E; CISCO7606-S; WS-C6504-E; CISCO7604; WS-C6503-E)
	Cisco 5940 Embedded Service Router
IOS 15.2	Cisco 800 Series Routers (including Cisco 812G, 812G-CIFI, 819G, 819H, 819HG, 819HGW, 819HW, 861, 866VAE, 867VAE, 881, 881G, 881GW, 881SRST, 881W, 881WD, 881-CUBE, 886VA, 886VAG, 887VAGW, 887VAMG, 887VA-M, 887VA-W, 887VA-WD, 887VAM-W, 887-CUBE; 888, 888E, 888EA, 888EG, 888SRST, 888-CUBE, 891, 892, 892 FSP, 892F-CUBE, 896VA, 897VA, 897VA-M, 897VA-W, 897VAM-W, 898EA)
	Cisco 1800 Series Routers (including 1861E)
	Cisco 1900 Series Integrated Services Routers (including Cisco 1905, 1906C, 1921, 1941, 1941W)
	Cisco 2900 Series Integrated Services Routers (including Cisco 2901, 2911, 2921, 2951)
	Cisco 3900 Series Integrated Services Routers (including Cisco 3925, 3925E, 3945, 3945E)
	Cisco 7200 Series Routers (including Cisco 7200, 7200-NPE-G2, 7201)
	Cisco 7300 Series Routers (including 7301)
	Cisco Connected Grid Router 2000 Series (including CGR 2010)
	Cisco High Density Analog Voice Gateways (including VG350)
	Cisco 5915 Embedded Services Router
	Cisco 5940 Embedded Services Router
	Cisco Catalyst 2960-X Switch Models (including Catalyst 2960X-48FPD-L Switch; Catalyst 2960X-48LPD-L Switch; Catalyst 2960X-24PD-L Switch; Catalyst 2960X-48TD-L Switch; Catalyst 2960X-24TD-L Switch; Catalyst 2960X-48FPS-L Switch; Catalyst 2960X-48LPS-L Switch; Catalyst 2960X-24PS-L Switch; Catalyst 2960X-24PSQ-L Cool Switch; Catalyst 2960X-48TS-L Switch; Catalyst 2960X-24TS-L Switch; Catalyst 2960X-48TS-LL Switch; Catalyst 2960X-24TS-LL Switch; Catalyst 2960XR-48FPD-I Switch; Catalyst 2960XR-48LPD-I Switch; Catalyst 2960XR-24PD-I Switch; Catalyst 2960XR-48TD-I Switch; Catalyst 2960XR-24TD-I Switch; Catalyst 2960XR-48FPS-I Switch; Catalyst WS-C2960XR-48LPS-I Switch; Catalyst 2960XR-24PS-I Switch; Catalyst 2960XR-48TS-I Switch; Catalyst 2960XR-24TS-I Switch)
	Cisco Catalyst 3560E Series Switches
	Cisco Catalyst 3560X Series Switches

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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

OPERATING SYSTEM	PLATFORMS
	Cisco Catalyst 3750E Series Switches
	Cisco Catalyst 3750X Series Switches
	Instant Access Catalyst 6800ia Series Switches (including Catalyst C6800IA-48FPDR; Catalyst C6800IA-48FPD; Catalyst C6800IA-48TD; Catalyst 3560CX-12PD-S)
	Cisco Catalyst 6807-XL Modular Switch (including C6807-XL)
	Cisco Catalyst 6880-X Series Extensible Fixed Aggregation Switches (including C6880-X-LE; C6880-X; C6880-X-LE-16P10G; C6880-X-16P10G)
	Chassis (including CISCO7613-S; WS-C6509-V-E; WS-C6509-E; CISCO7609-S; Catalyst 6807-XL; WS-C6506-E; CISCO7606-S; WS-C6504-E; CISCO7604; WS-C6503-E)
	Cisco Aironet Access Points 3600, 3500, 2600, 1600, 1550, 1530, 1260, 1140, 1040, 802, and 702
IOS 15.4	Cisco 800 Series Routers (including Cisco 812G, 812G-CIFI, 819G, 819H, 819HG, 819HGW, 819HW, 861, 866VAE, 867VAE, 881, 881G, 881GW, 881SRST, 881W, 881WD, 881-CUBE, 886VA, 886VAG, 886VAGW, 887VAMG,887VA-M, 887 VA-W, 887VA-WD, 887VAM-W, 887-CUBE, 888, 888E, 888EA, 888EG, 888SRST, 888-CUBE, 891, 892, 892FSP, 892F-CUBE, 897VAW, 898EA)
	Cisco 1000 Series Connected Grid Routers (including CGR 1240; CGR 1120)
	Cisco 1900 Series Integrated Services Routers (Cisco 1905, 1906C, 1921, 1941, 1941W)
	Cisco Connected Grid Router 2000 Series (including CGR 2010)
	Cisco 2900 Series Integrated Services Routers (Cisco 2901, 2911, 2921, 2951)
	Cisco 3900 Series Integrated Services Routers (including Cisco 3925, 3925E, 3945, 3945E)
	Cisco 7600 Series Routers
	Cisco ASR 901 Routers
	Cisco ASR 901 10G Routers
	Cisco ME 3600X Switch
	Cisco ME 3600-24CX Switch
	Cisco ME 3800X Switch
	Cisco Analog Voice Gateways (including VG202XM, VG204SM)
	Cisco High Density Analog Voice Gateways (including VG350)
XR 3.0	Cisco XR 12000 Series Routers
	Cisco CRS-1 Routers
XR 3.2	Cisco CRS-1 Routers (including CRS-SIP-800 (aka "Tuxedo"))
	Cisco XR 12000 Series Router (including Cisco XR 12404; 12406, 12410, 12416, 12008, 12012)
XR 3.3	Cisco CRS-1 Routers
	Cisco XR 12000 Series Router (including Cisco XR 12404; 12406, 12410, 12416, 12008, 12012)
XR 3.4	Cisco CRS-1 Routers

OPERATING SYSTEM	PLATFORMS
	Cisco XR 12000 Series Router (including Cisco XR 12404; 12406, 12410, 12416, 12810, 12816, 12006, 12008, 12010, 12012, 12016)
XR 3.5	Cisco CRS-1 Routers
	Cisco XR 12000 Series Router (including Cisco XR 12404; 12406, 12410, 12416, 12810, 12816, 12006, 12008, 12010, 12012)
XR 4.3	Cisco ASR 9000 Series Router
	Cisco XR 12000 Series Router
	CRS-1 Routers
	CRS 3 Routers
XR 5.2	Cisco CRS 1 Routers
	Cisco CRS 3 Routers
	ASR 9000 Series Aggregation Services Routers
	NCS 4000 Series
	NCS 6000 Series
XE 2.1	Cisco ASR 1000 Series Aggregation Services Routers
	Cisco 10000 Series Router
XE 2.6	Cisco ASR 1000 Series Aggregation Services Routers
XE 3.3	Catalyst 4500E Series Switch
	Catakyst 4500 Series Switch
	Catalyst 3650 Series Switches
	Catalyst 3850 Series Switches
	Cisco 5700 Series Wireless LAN Controller
	Cisco ASR 1000 Series Aggregation Services Routers
	Cisco ASR 1001
XE 3.5	Catalyst 4500-X Series Switches
	Cisco ASR 1000 Series Aggregation Services Routers
	Cisco ASR 900 Series Router
NX-OS 4.0	Cisco Nexus 1000V Switch
	Nexus 7000 Series 10-Slot Chassis
NX-OS 5.0	Cisco Nexus 7000 Series Switches
	Cisco Nexus 5000 Switch
NX-OS 5.2	Cisco Nexus 7000 Series Switches
	Cisco Nexus 5000 Switch
NX-OS 6.2	Cisco Nexus 7000 Series Switches
	Cisco Nexus 5000 Switch
	Cisco Nexus 3000 Series Routers

Cisco's investigation of the information sought by this interrogatory is ongoing. Cisco therefore reserves the right to supplement its response in the event additional responsive information is identified.

1   **INTERROGATORY NO. 17:**

2   Identify each and every document in your possession relating to any non-Cisco CLI,

3   including the custodian of each document and how Cisco came to be in possession of each

4   document.

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6   **RESPONSE TO INTERROGATORY NO. 17:**

7   Cisco incorporates by reference its General Objections as though fully set forth herein.

8   Cisco further objects to this interrogatory as irrelevant and not calculated to lead to the discovery

9   of admissible evidence to the extent it (1) calls for evidence pertaining to products of third parties

10   not at issue in this suit, (2) seeks information not relevant to the copyrightability of Cisco's works-

11   in-suit, and (3) seeks information regarding acts not at issue in this suit. Cisco also objects to this

12   interrogatory on the grounds that it is overly broad and unduly burdensome to the extent that it is

13   not limited in time or in any other way. Cisco also objects to this interrogatory as undefined,

14   vague, ambiguous, overbroad, and unduly burdensome in its use of the terms "non-Cisco CLI" and

15   "came to be in possession." Cisco further objects to this interrogatory to the extent that it calls for

16   information that is publicly available or equally available to Arista, and therefore is of no greater

17   burden for Arista to obtain than for Cisco to obtain. Cisco also objects to this interrogatory to the

18   extent that it is cumulative and duplicative of other discovery sought by Arista, including at least

19   Interrogatory Nos. 8 and 10. Cisco further objects to this interrogatory to the extent it seeks

20   information that is protected by the attorney-client privilege, that constitutes attorney work-

21   product, or that is protected by any other applicable privilege, protection, or immunity, including

22   without limitation in connection with the common interest doctrine.

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1 DATED: September 28, 2015   Respectfully submitted,

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                                                /s/ Sean S. Pak
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CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

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CASE NO. 5:14-CV-05344-BLF

CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES

1   **PROOF OF SERVICE**

2   I hereby certify that, at the date entered below and per the agreement of the parties, I

3   caused a true and correct copy of the foregoing to be served via email to the email addresses

4   below:

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18

19   I declare under penalty of perjury that the foregoing is true and correct. Executed on

20 September 28, 2015, at San Francisco, California.

21   */s/ Matthew D. Cannon*
                                               _____
22   Matthew D. Cannon

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-43-   CASE NO. 5:14-CV-05344-BLF
CISCO'S FIRST SUPPLEMENTAL OBJECTIONS AND RESPONSES TO ARISTA'S SECOND SET OF INTERROGATORIES